

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
 Data File : VN080778.D
 Acq On : 26 Jan 2024 19:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/29/2024
 Supervised By : Mahesh Dadoda 01/29/2024

Quant Time: Jan 29 02:35:31 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	8.229	168	117084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208250	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105167	51.148	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.300%			
35) Dibromofluoromethane	8.171	113	74760	53.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.570	98	300134	55.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.900%			
62) 4-Bromofluorobenzene	12.853	95	105898	51.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	92592	48.677	ug/l	98
3) Chloromethane	2.359	50	133105	61.804	ug/l	98
4) Vinyl Chloride	2.506	62	97313	56.387	ug/l	92
5) Bromomethane	2.930	94	37164	56.656	ug/l	89
6) Chloroethane	3.106	64	56027	60.612	ug/l	98
7) Trichlorofluoromethane	3.489	101	136411	47.863	ug/l	97
8) Diethyl Ether	3.953	74	66827	53.653	ug/l	# 54
9) 1,1,2-Trichlorotrifluo...	4.365	101	80231	51.649	ug/l	92
10) Methyl Iodide	4.577	142	66204	50.968	ug/l	93
11) Tert butyl alcohol	5.524	59	121365	349.024	ug/l	99
12) 1,1-Dichloroethene	4.336	96	83738	47.903	ug/l	# 71
13) Acrolein	4.177	56	88153	303.407	ug/l	96
14) Allyl chloride	5.024	41	175929	50.770	ug/l	# 89
15) Acrylonitrile	5.718	53	296494	326.522	ug/l	99
16) Acetone	4.424	43	208826	309.356	ug/l	97
17) Carbon Disulfide	4.712	76	253618	47.435	ug/l	96
18) Methyl Acetate	5.024	43	157889	78.547	ug/l	# 80
19) Methyl tert-butyl Ether	5.794	73	319253	53.001	ug/l	93
20) Methylene Chloride	5.271	84	100184	50.839	ug/l	# 68
21) trans-1,2-Dichloroethene	5.788	96	94084	53.062	ug/l	# 84
22) Diisopropyl ether	6.671	45	399113	61.079	ug/l	# 88
23) Vinyl Acetate	6.606	43	1554784	292.340	ug/l	# 83
24) 1,1-Dichloroethane	6.565	63	199500	55.774	ug/l	97
25) 2-Butanone	7.482	43	400501	328.230	ug/l	# 76
26) 2,2-Dichloropropane	7.488	77	151518	48.435	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	109174	55.854	ug/l	77
28) Bromochloromethane	7.812	49	97567	58.346	ug/l	# 55
29) Tetrahydrofuran	7.841	42	280698	341.303	ug/l	# 68
30) Chloroform	7.971	83	182014	54.279	ug/l	94
31) Cyclohexane	8.259	56	171246	53.909	ug/l	# 83
32) 1,1,1-Trichloroethane	8.171	97	148822	49.858	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	142674	49.506	ug/l	94
37) Ethyl Acetate	7.559	43	168345	60.239	ug/l	# 89
38) Carbon Tetrachloride	8.365	117	120782	46.677	ug/l	95
39) Methylcyclohexane	9.606	83	140868	51.078	ug/l	# 83
40) Benzene	8.606	78	438369	54.108	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	93891	57.921	ug/l #	82
42) 1,2-Dichloroethane	8.671	62	145003	46.751	ug/l	97
43) Isopropyl Acetate	8.694	43	292479	56.937	ug/l #	87
44) Trichloroethene	9.359	130	87442	47.676	ug/l	97
45) 1,2-Dichloropropane	9.623	63	121244	56.447	ug/l	98
46) Dibromomethane	9.706	93	69315	51.007	ug/l	92
47) Bromodichloromethane	9.894	83	144720	47.980	ug/l	94
48) Methyl methacrylate	9.682	41	135120	55.558	ug/l #	75
49) 1,4-Dioxane	9.694	88	40425	1334.004	ug/l #	73
51) 4-Methyl-2-Pentanone	10.447	43	872440	314.815	ug/l #	85
52) Toluene	10.635	92	253044	54.514	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	168158	50.229	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	183057	51.561	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	97309	54.464	ug/l	93
56) Ethyl methacrylate	10.876	69	180933	56.539	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	186347	57.130	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	462282	301.599	ug/l #	83
59) 2-Hexanone	11.200	43	648710	317.094	ug/l	85
60) Dibromochloromethane	11.359	129	94679	51.562	ug/l	98
61) 1,2-Dibromoethane	11.470	107	96578	54.989	ug/l	95
64) Tetrachloroethene	11.106	164	69323	48.473	ug/l	97
65) Chlorobenzene	11.894	112	248594	54.638	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.964	131	84076	52.047	ug/l	97
67) Ethyl Benzene	11.964	91	472689	54.408	ug/l	95
68) m/p-Xylenes	12.076	106	342184	112.030	ug/l	89
69) o-Xylene	12.400	106	170965	57.246	ug/l	94
70) Styrene	12.417	104	280736	55.357	ug/l	94
71) Bromoform	12.582	173	59368	53.420	ug/l #	98
73) Isopropylbenzene	12.700	105	419515	54.135	ug/l	98
74) N-amyl acetate	12.500	43	270125	58.084	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	149557	58.834	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	138257m	55.019	ug/l	
77) Bromobenzene	12.982	156	86725	52.690	ug/l	70
78) n-propylbenzene	13.041	91	509124	53.556	ug/l	94
79) 2-Chlorotoluene	13.129	91	305814	50.197	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	333853	51.694	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	60956	57.184	ug/l #	89
82) 4-Chlorotoluene	13.223	91	309482	51.818	ug/l	93
83) tert-Butylbenzene	13.441	119	266215	51.562	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	333234	52.474	ug/l	98
85) sec-Butylbenzene	13.617	105	395202	53.873	ug/l	97
86) p-Isopropyltoluene	13.735	119	304175	52.501	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	156269	53.155	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	156887	52.383	ug/l	97
89) n-Butylbenzene	14.058	91	286838	51.364	ug/l	97
90) Hexachloroethane	14.335	117	53988	50.247	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	150368	54.279	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28223	48.497	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	72940	50.555	ug/l	98
94) Hexachlorobutadiene	15.505	225	28308	40.884	ug/l	99
95) Naphthalene	15.641	128	287498	50.632	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67354	48.229	ug/l	94

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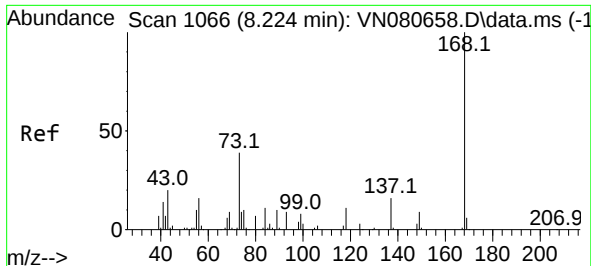
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

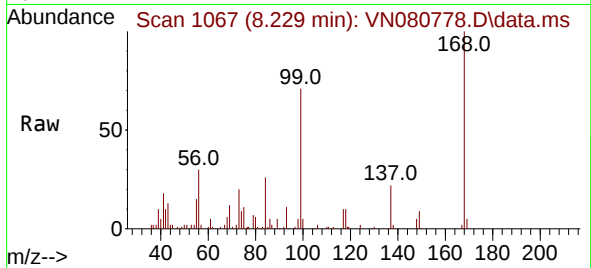
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

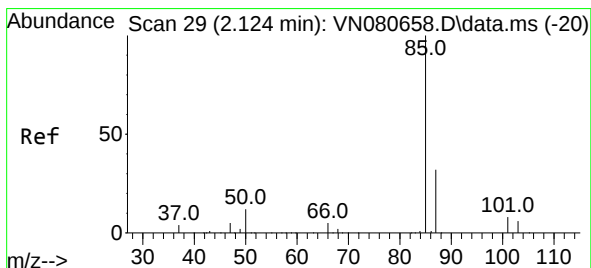
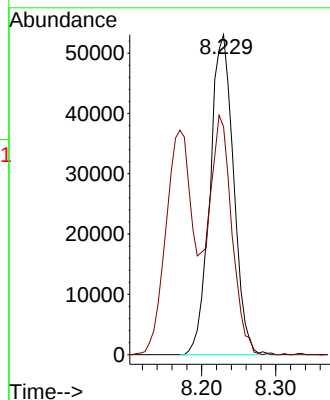
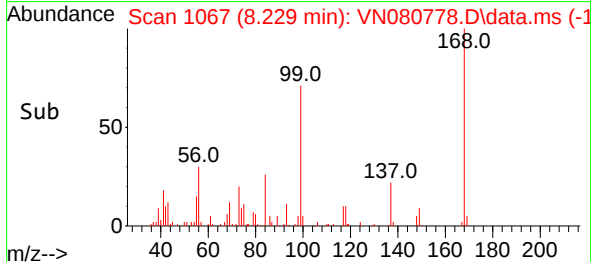
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 117084
Ion Ratio Lower Upper
168 100
99 71.2 53.0 79.6

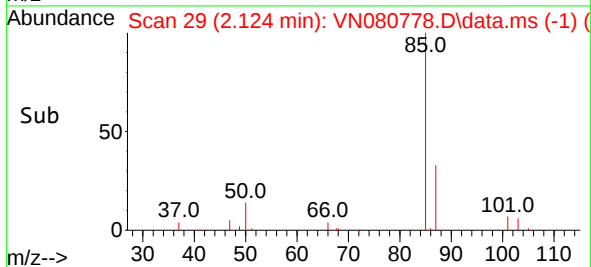
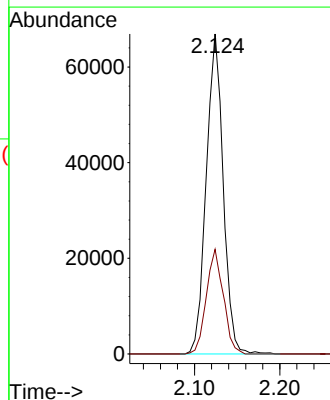
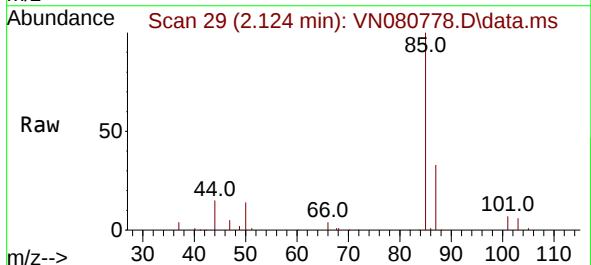
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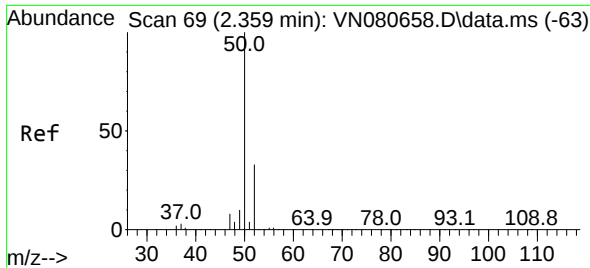
Reviewed By :John Carlone 01/29/2024
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#2
Dichlorodifluoromethane
Concen: 48.677 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

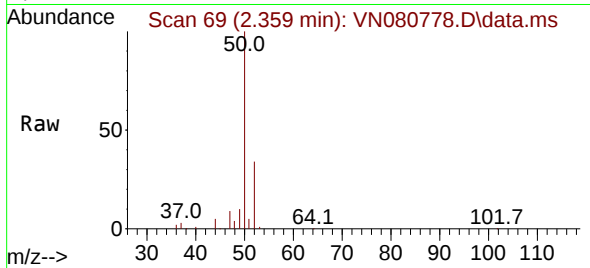
Tgt Ion: 85 Resp: 92592
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.4





#3
Chloromethane
Concen: 61.804 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

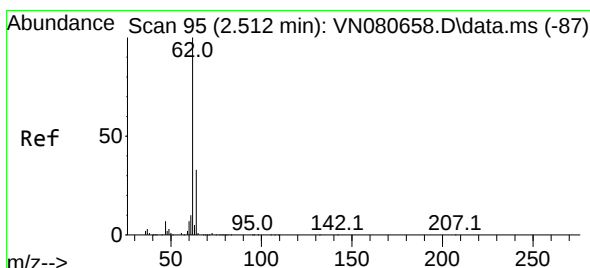
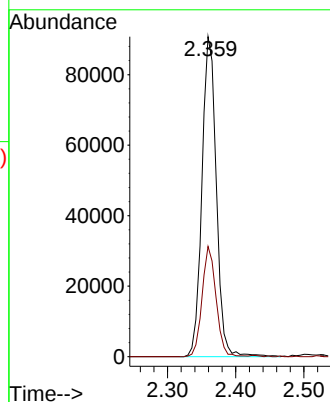
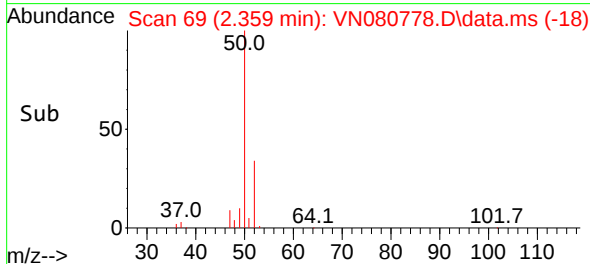
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Tgt Ion: 50 Resp: 13310
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

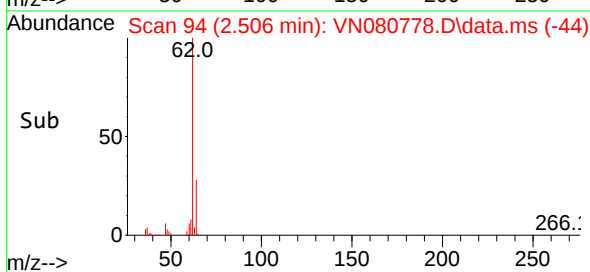
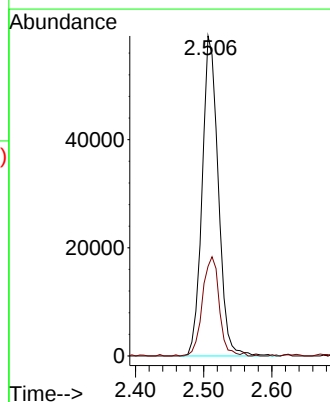
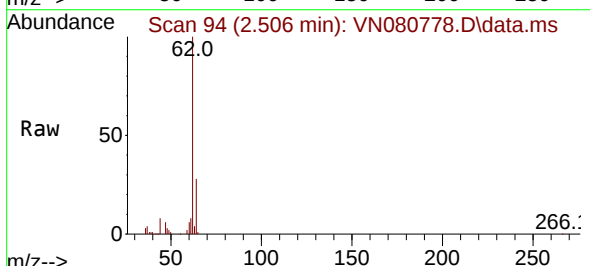
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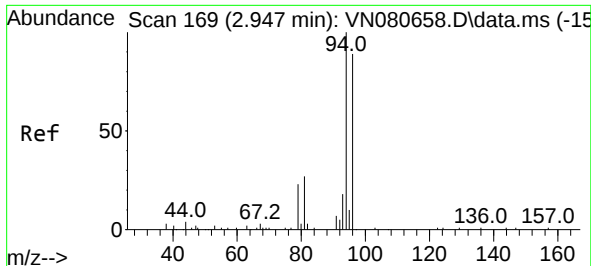
Reviewed By :John Carlone 01/29/2024
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#4
Vinyl Chloride
Concen: 56.387 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

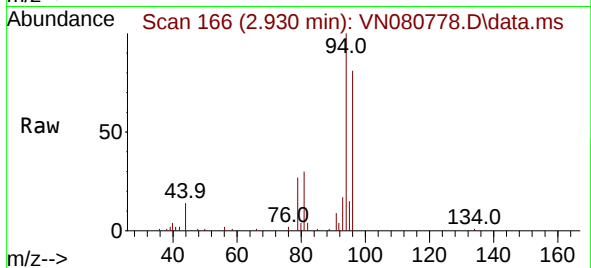
Tgt Ion: 62 Resp: 97313
Ion Ratio Lower Upper
62 100
64 28.0 26.2 39.2





#5
Bromomethane
Concen: 56.656 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

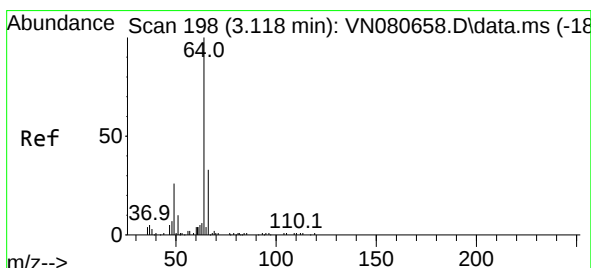
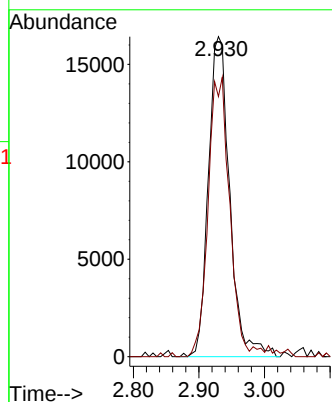
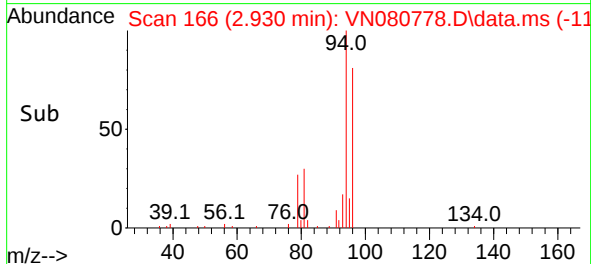
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Tgt Ion: 94 Resp: 37164
Ion Ratio Lower Upper
94 100
96 81.3 73.1 109.7

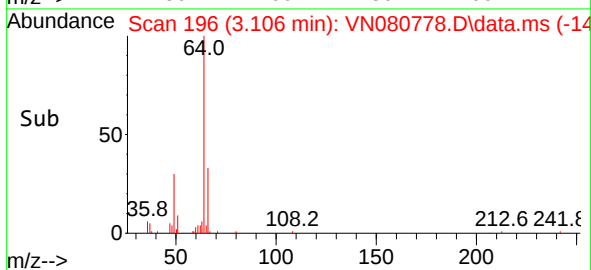
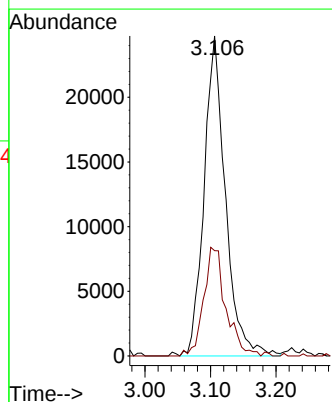
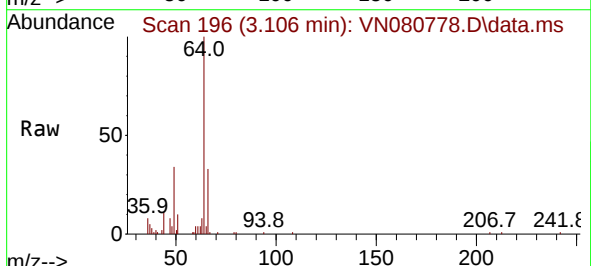
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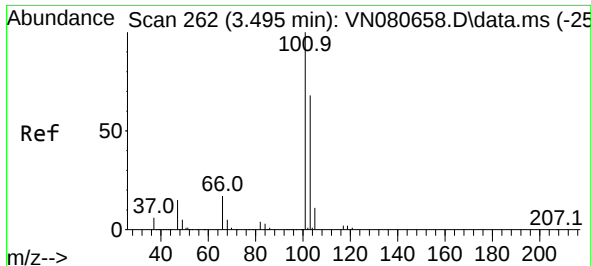
Reviewed By :John Carlone 01/29/2024
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#6
Chloroethane
Concen: 60.612 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN080778.D
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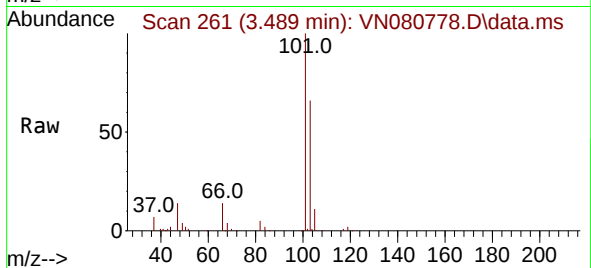
Tgt Ion: 64 Resp: 56027
Ion Ratio Lower Upper
64 100
66 32.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.863 ug/l
RT: 3.489 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080778.D
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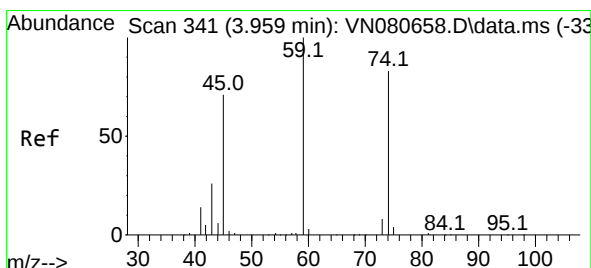
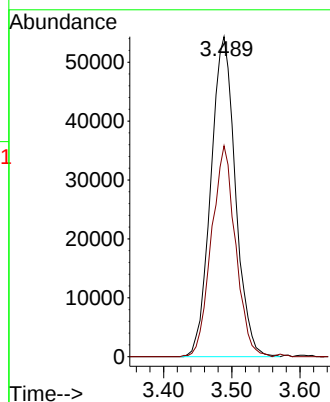
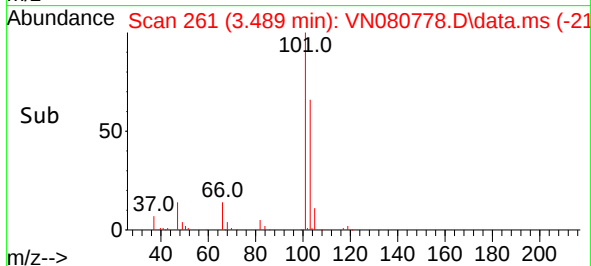
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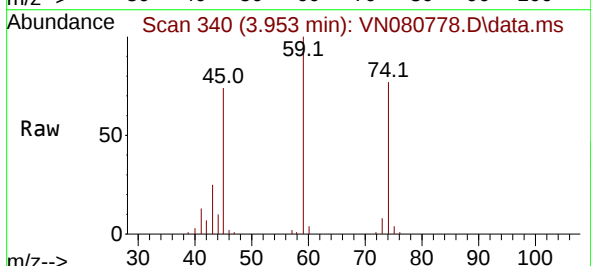
Tgt Ion:101 Resp: 13641
Ion Ratio Lower Upper
101 100
103 65.9 50.7 76.1

Manual Integrations
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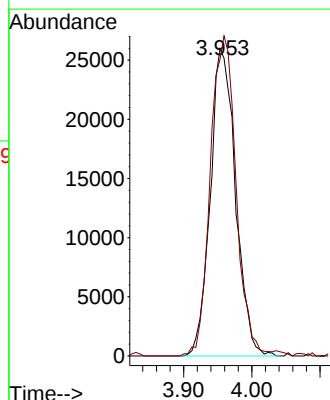
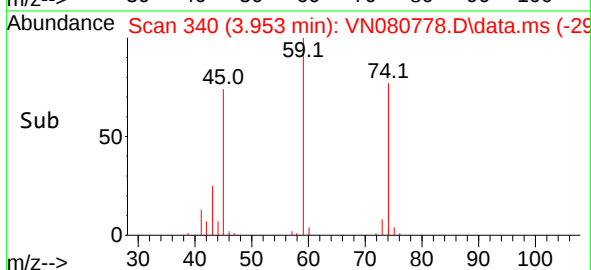
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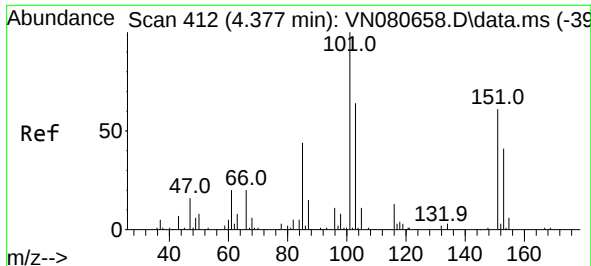


#8
Diethyl Ether
Concen: 53.653 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



Tgt Ion: 74 Resp: 66827
Ion Ratio Lower Upper
74 100
45 106.1 34.4 103.3#





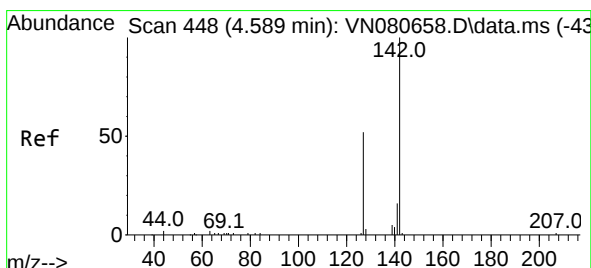
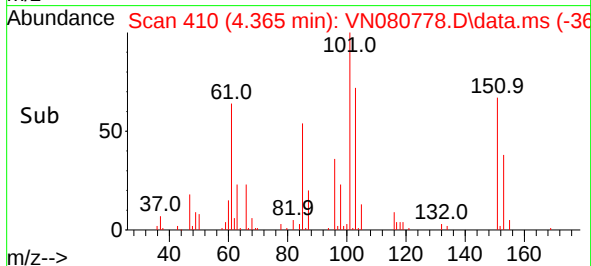
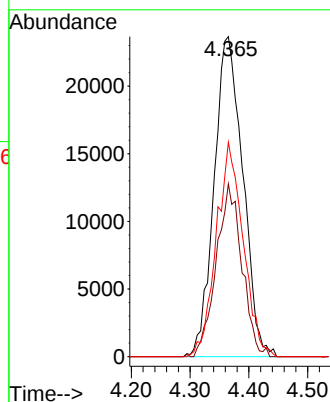
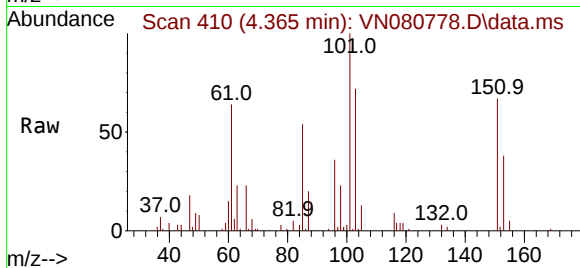
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.649 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8023
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 62.6 57.6 86.4

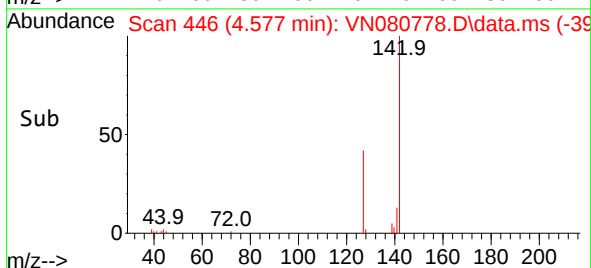
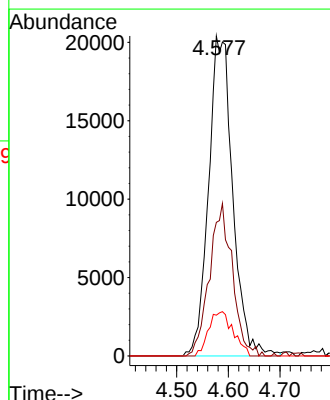
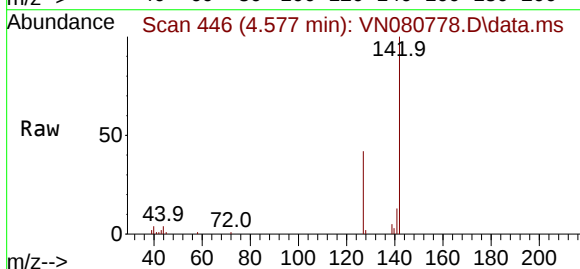
Manual Integrations
APPROVED

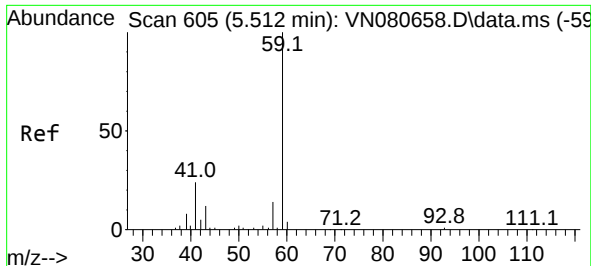
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#10
Methyl Iodide
Concen: 50.968 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.012 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion:142 Resp: 66204
Ion Ratio Lower Upper
142 100
127 41.7 37.6 56.4
141 12.8 11.4 17.0





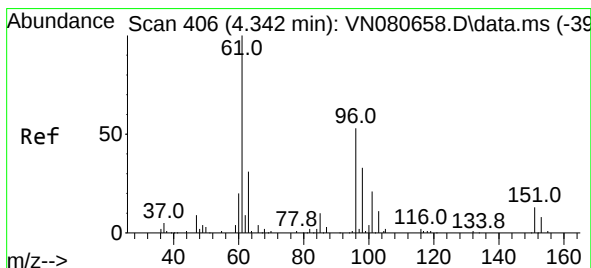
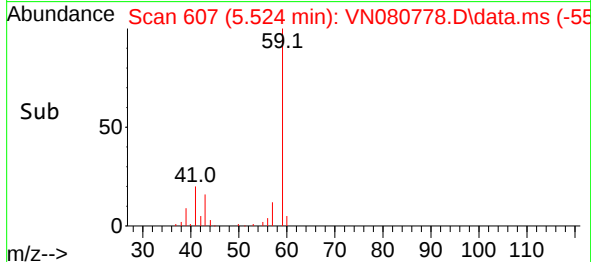
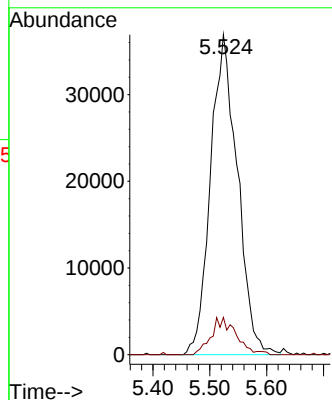
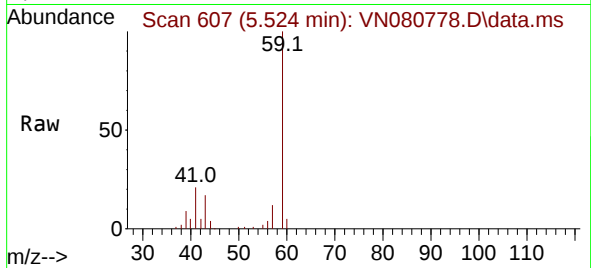
#11
Tert butyl alcohol
Concen: 349.024 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 12136
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

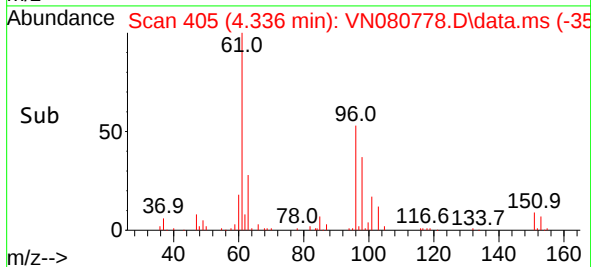
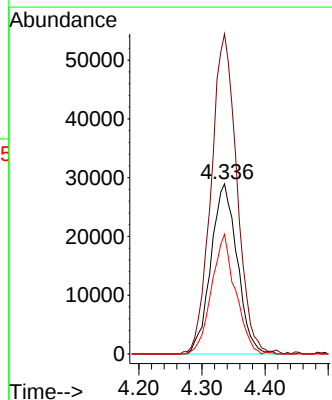
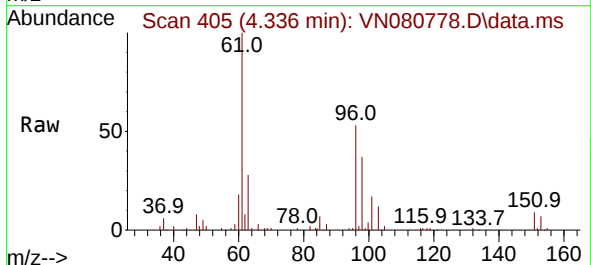
Manual Integrations
APPROVED

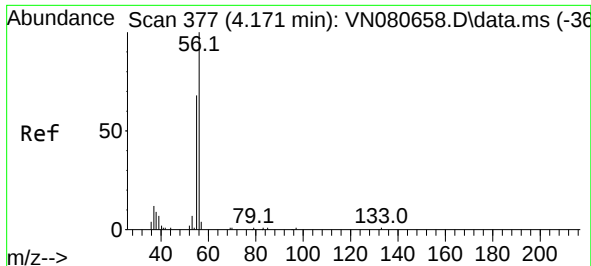
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#12
1,1-Dichloroethene
Concen: 47.903 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 96 Resp: 83738
Ion Ratio Lower Upper
96 100
61 188.2 112.7 169.1#
98 70.4 51.2 76.8





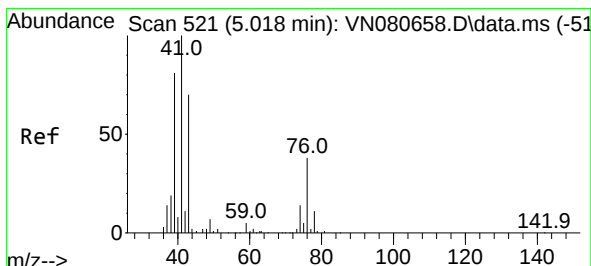
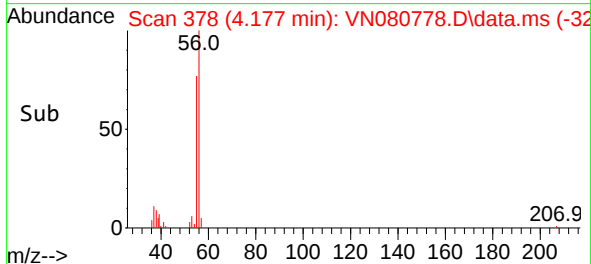
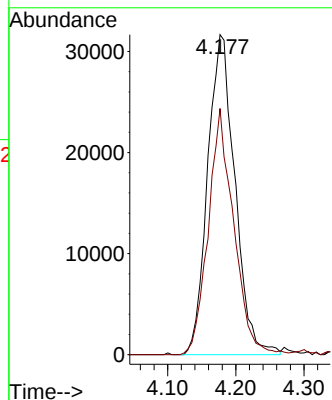
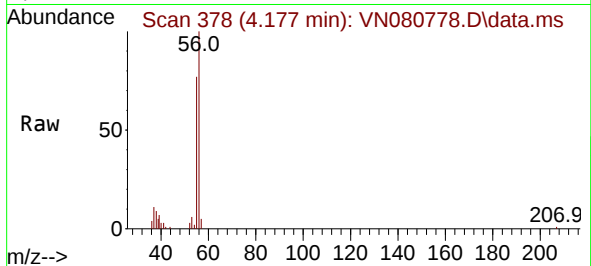
#13
Acrolein
Concen: 303.407 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8815
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

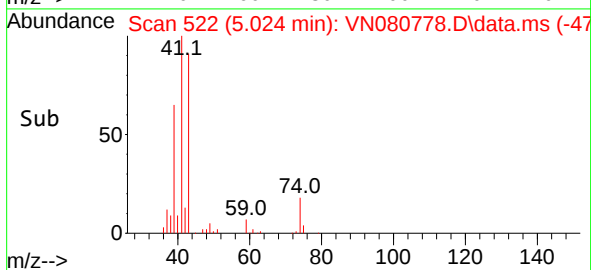
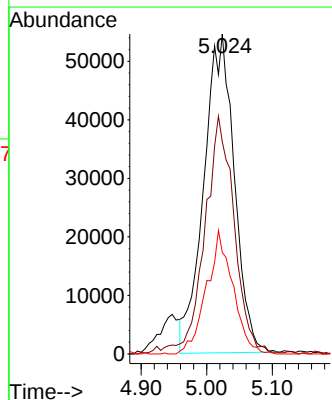
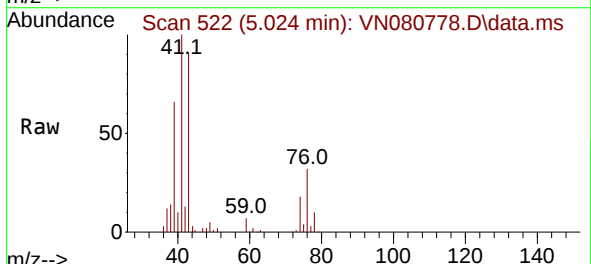
Manual Integrations
APPROVED

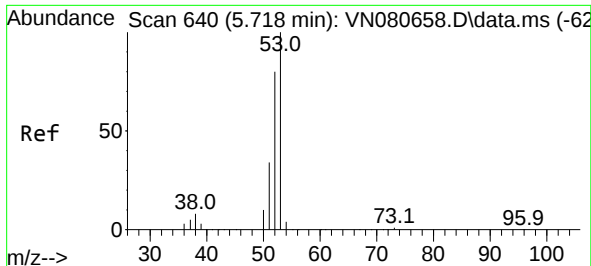
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#14
Allyl chloride
Concen: 50.770 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

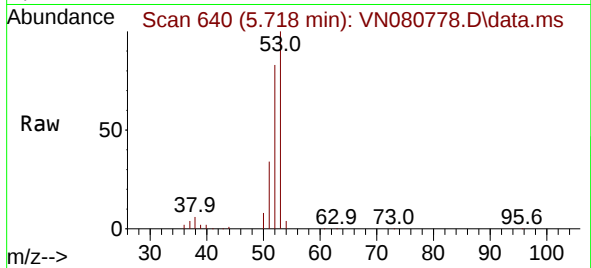
Tgt Ion: 41 Resp: 175929
Ion Ratio Lower Upper
41 100
39 70.7 58.8 88.2
76 33.5 39.1 58.7#





#15
Acrylonitrile
Concen: 326.522 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

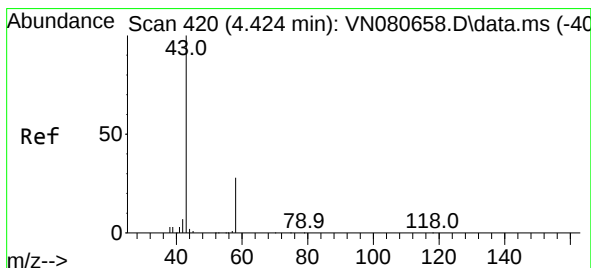
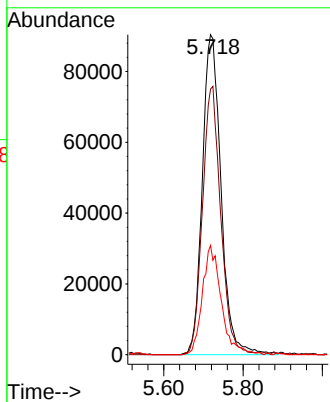
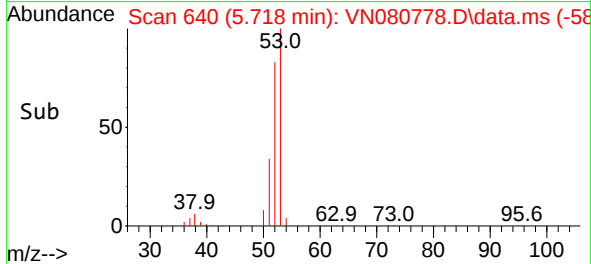
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 296494
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 34.5 28.9 43.3

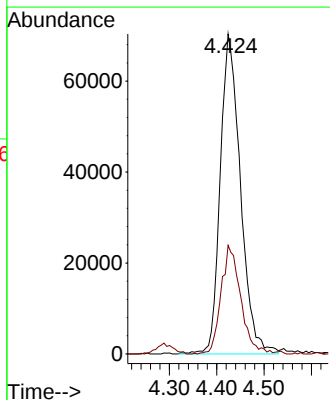
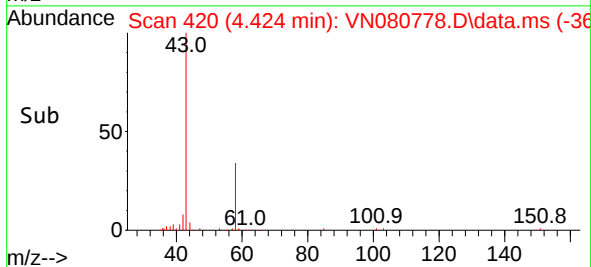
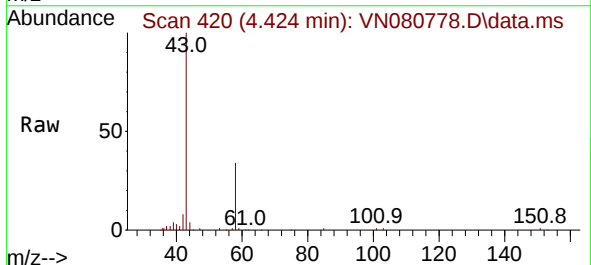
Manual Integrations
APPROVED

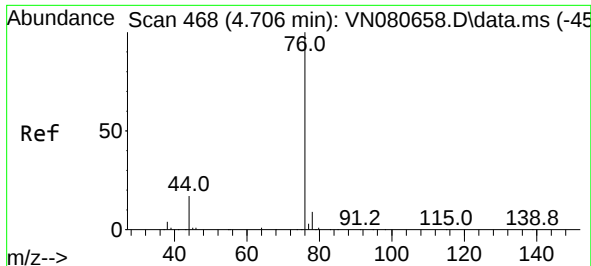
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#16
Acetone
Concen: 309.356 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 43 Resp: 208826
Ion Ratio Lower Upper
43 100
58 33.4 28.0 42.0





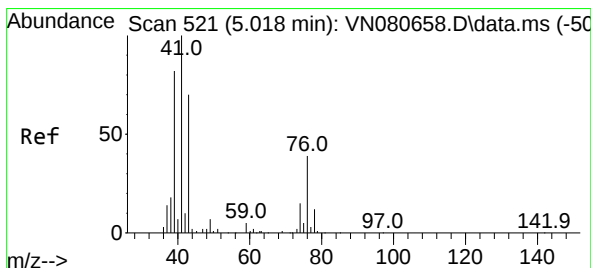
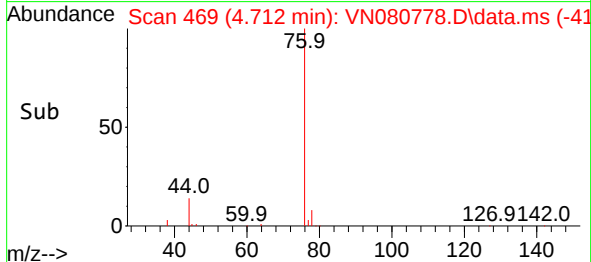
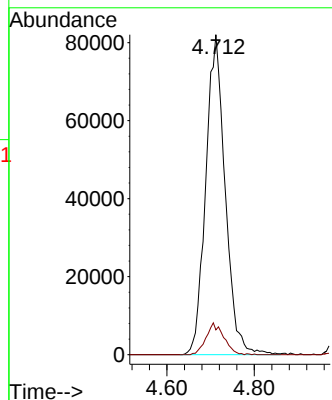
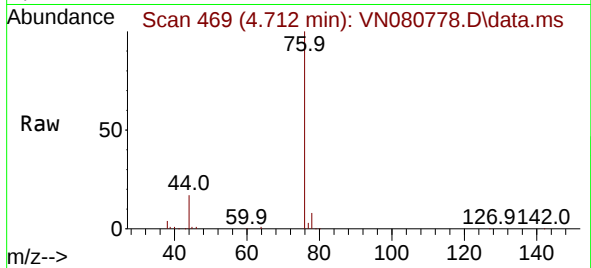
#17
Carbon Disulfide
Concen: 47.435 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 253618
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

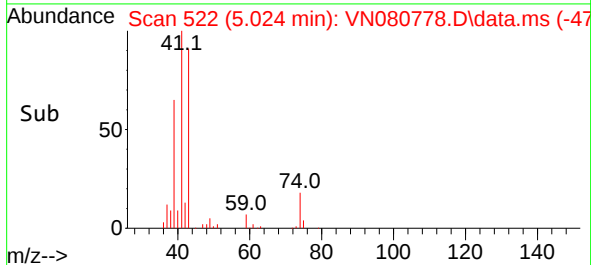
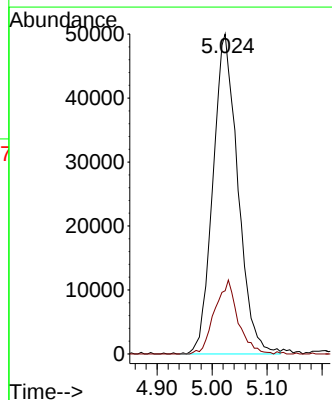
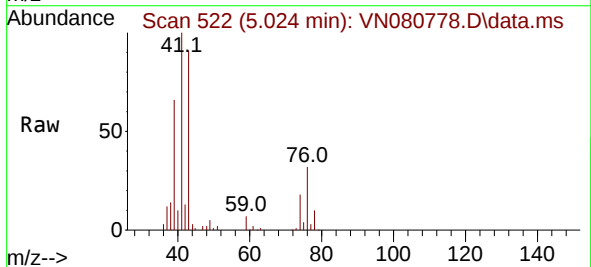
Manual Integrations
APPROVED

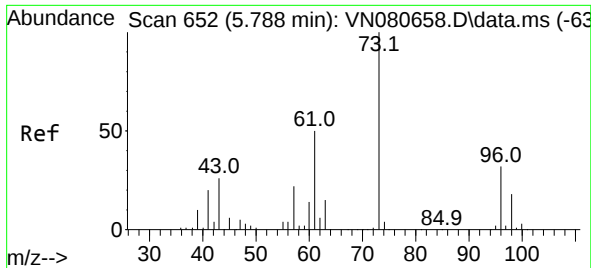
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#18
Methyl Acetate
Concen: 78.547 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 43 Resp: 157889
Ion Ratio Lower Upper
43 100
74 21.4 26.2 39.4#





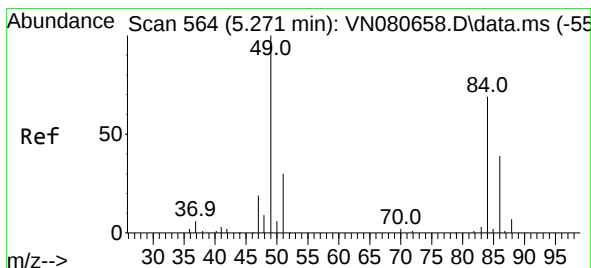
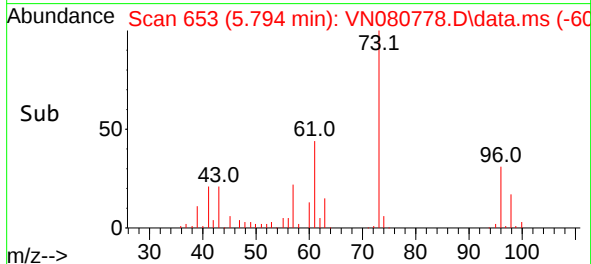
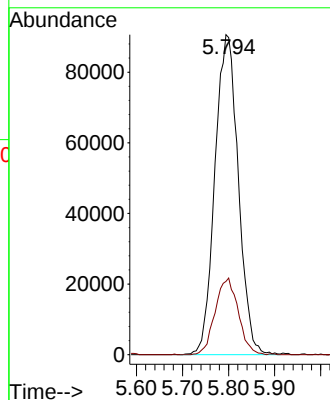
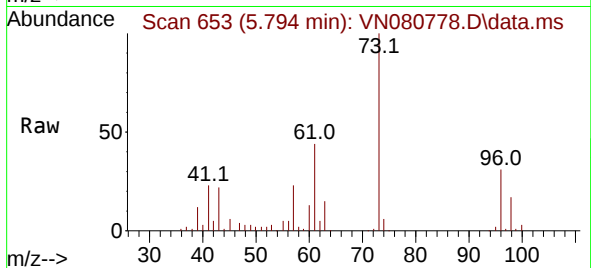
#19
Methyl tert-butyl Ether
Concen: 53.001 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 31925
Ion Ratio Lower Upper
73 100
57 22.9 15.6 23.4

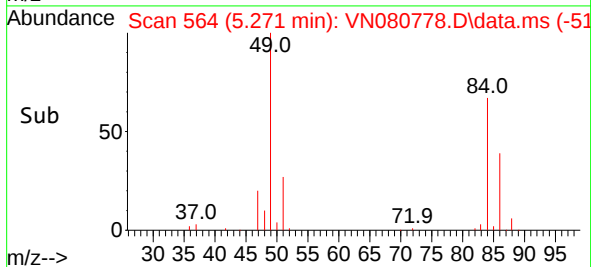
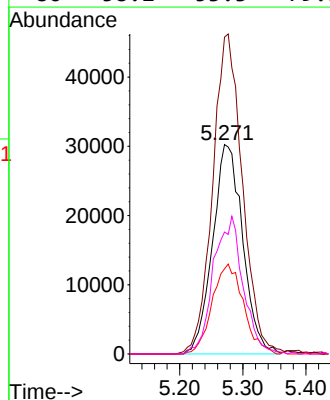
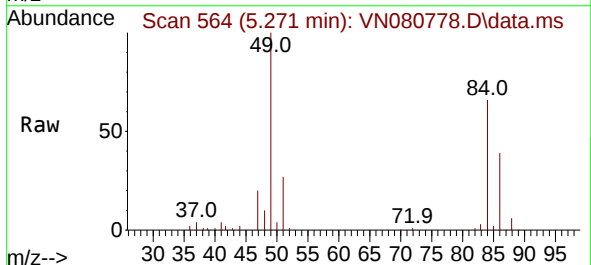
Manual Integrations
APPROVED

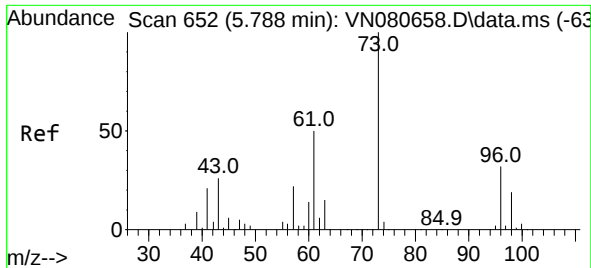
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#20
Methylene Chloride
Concen: 50.839 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

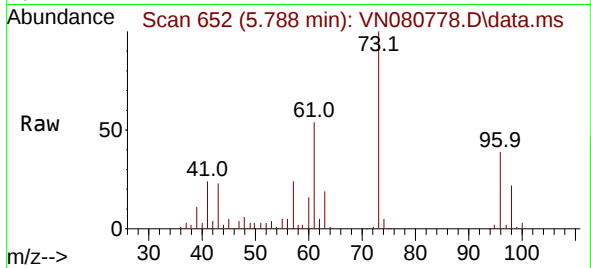
Tgt Ion: 84 Resp: 100184
Ion Ratio Lower Upper
84 100
49 150.6 79.7 119.5#
51 40.7 25.2 37.8#
86 58.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.062 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

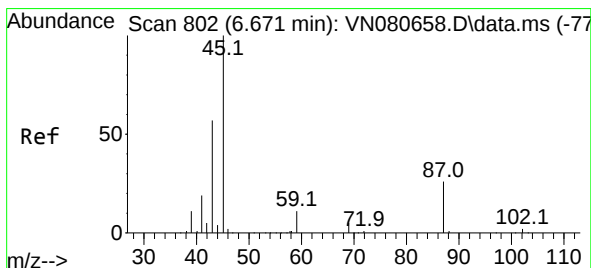
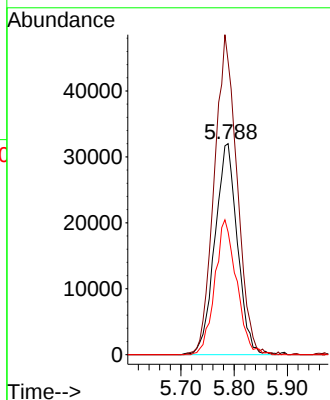
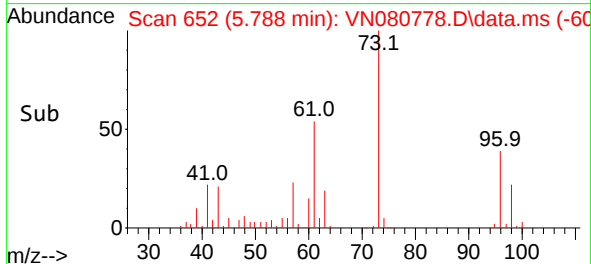
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



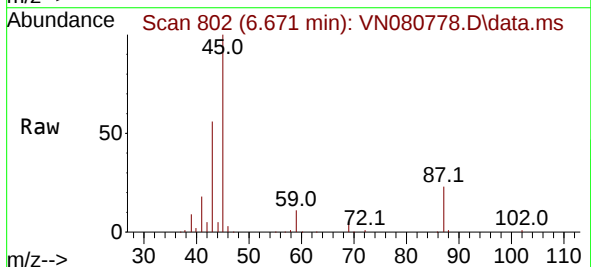
Tgt Ion: 96 Resp: 94084
Ion Ratio Lower Upper
96 100
61 138.8 90.1 135.1
98 58.0 46.4 69.6

Manual Integrations
APPROVED

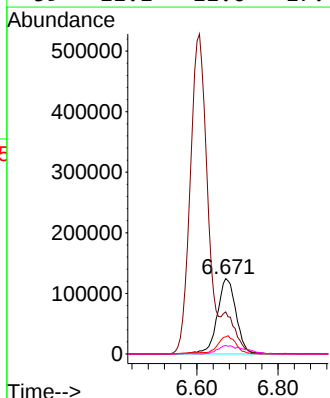
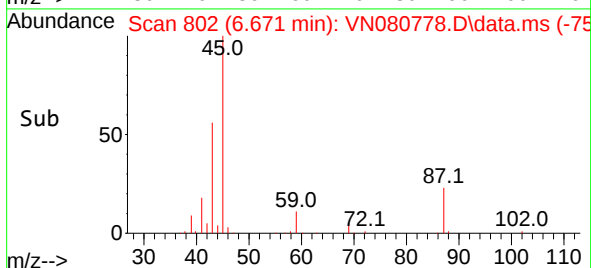
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

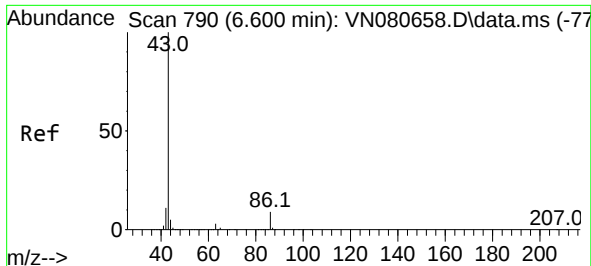


#22
Diisopropyl ether
Concen: 61.079 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



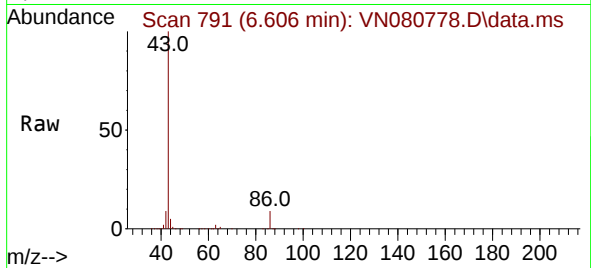
Tgt Ion: 45 Resp: 399113
Ion Ratio Lower Upper
45 100
43 55.2 45.5 68.3
87 22.7 31.8 47.8#
59 11.1 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 292.340 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080778.D
 Acq: 26 Jan 2024 19:00

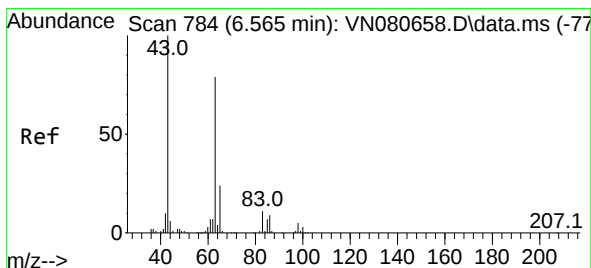
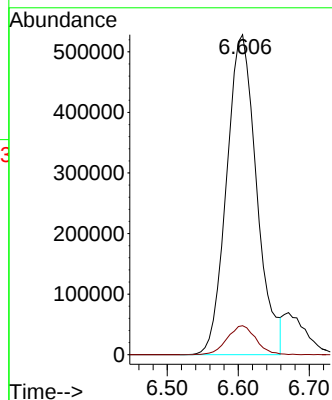
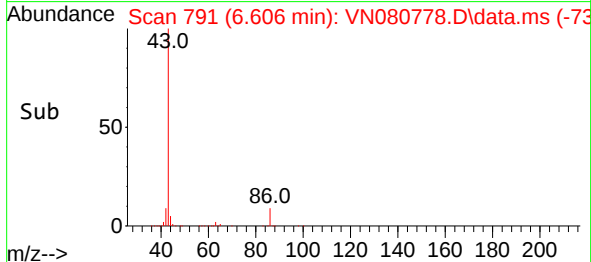
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1554784
 Ion Ratio Lower Upper
 43 100
 86 9.1 13.0 19.6

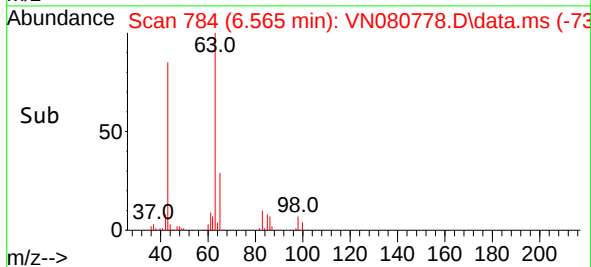
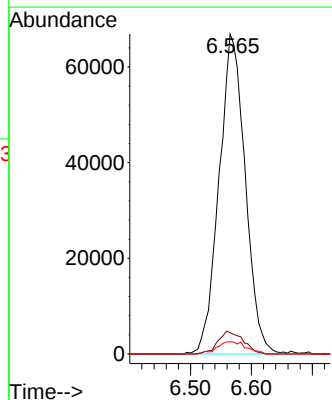
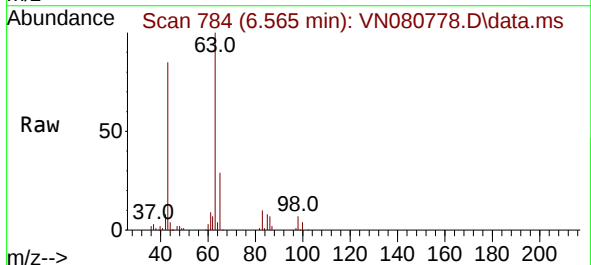
Manual Integrations
 APPROVED

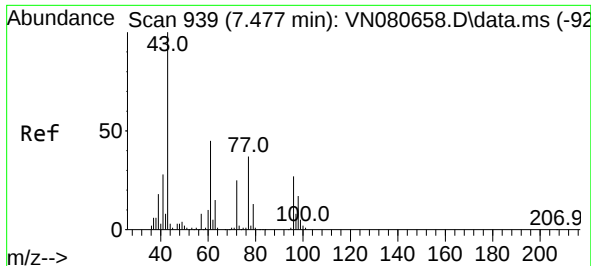
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/29/2024



#24
 1,1-Dichloroethane
 Concen: 55.774 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080778.D
 Acq: 26 Jan 2024 19:00

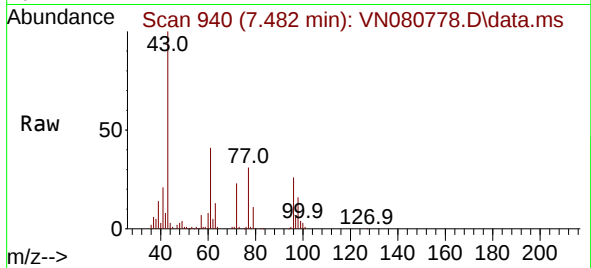
Tgt Ion: 63 Resp: 199500
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 328.230 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

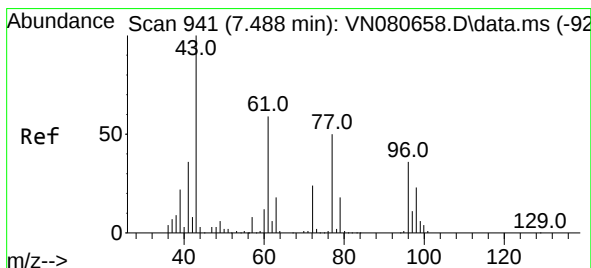
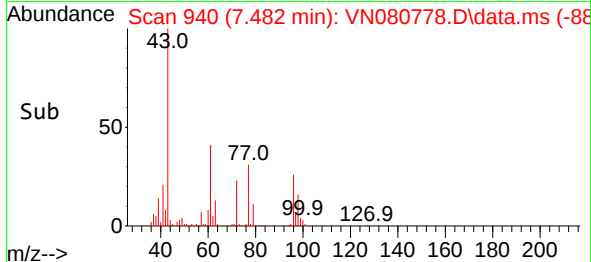
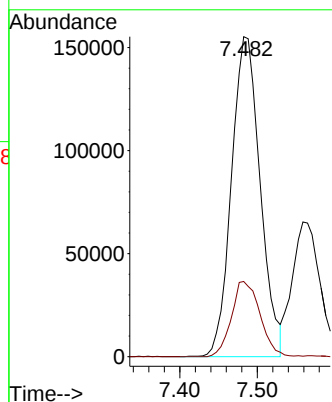
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40050
Ion Ratio Lower Upper
43 100
72 23.5 30.2 45.2

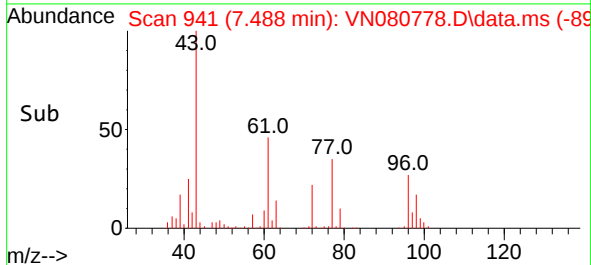
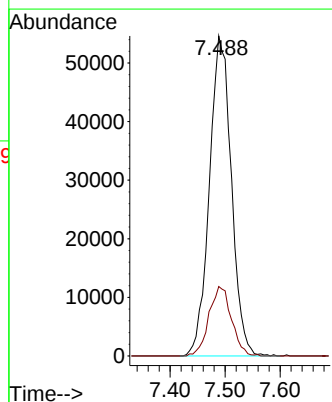
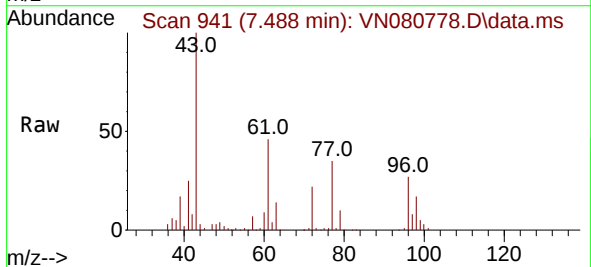
Manual Integrations
APPROVED

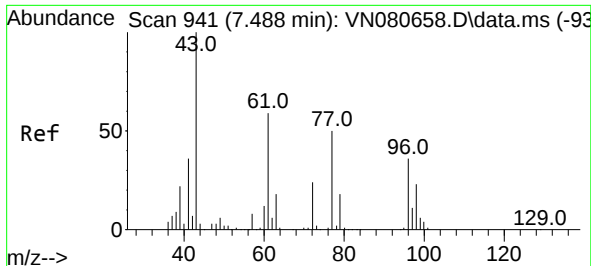
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#26
2,2-Dichloropropane
Concen: 48.435 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

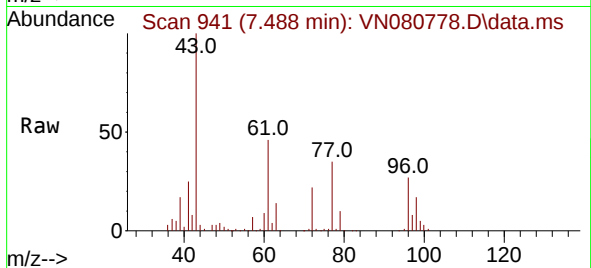
Tgt Ion: 77 Resp: 151518
Ion Ratio Lower Upper
77 100
97 22.2 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 55.854 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

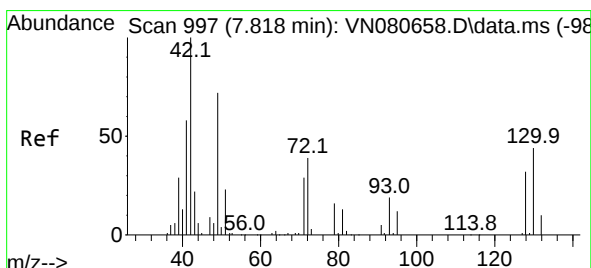
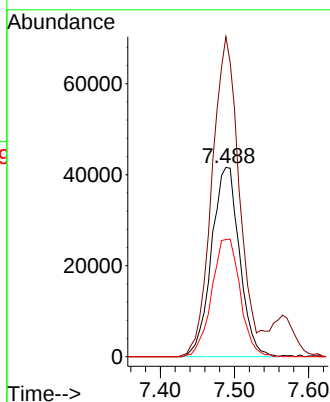
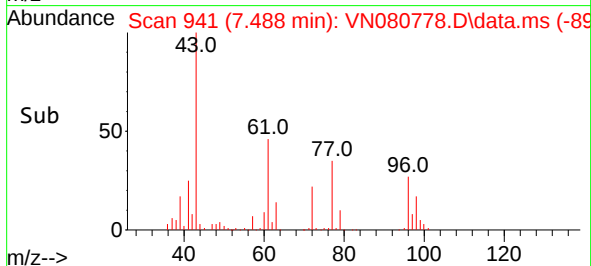
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 109174
Ion Ratio Lower Upper
96 100
61 166.3 0.0 255.2
98 63.1 0.0 128.8

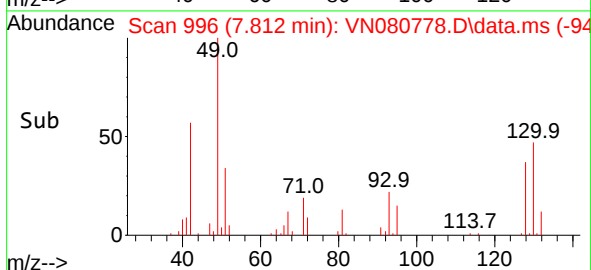
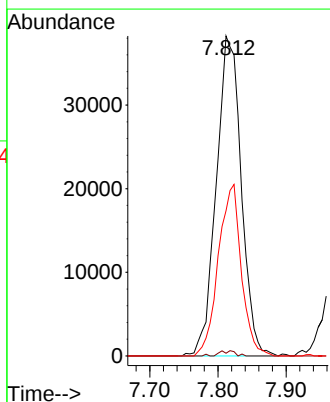
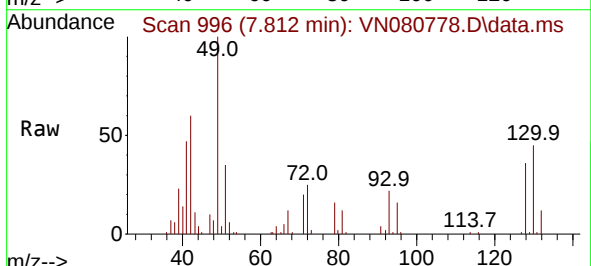
Manual Integrations
APPROVED

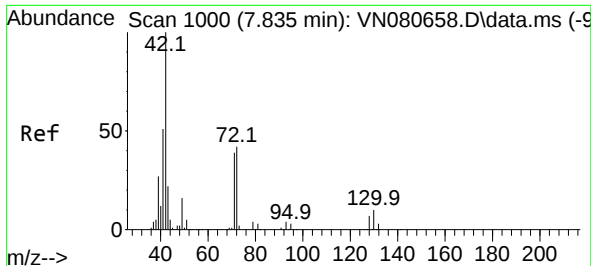
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#28
Bromochloromethane
Concen: 58.346 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 49 Resp: 97567
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.8
130 49.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 341.303 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080778.D

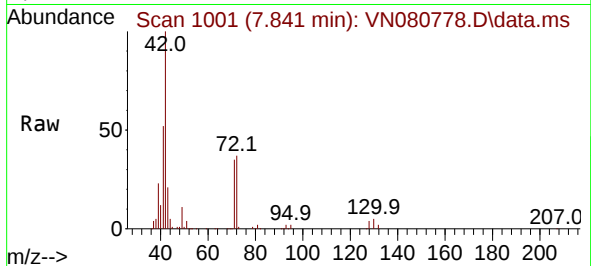
Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



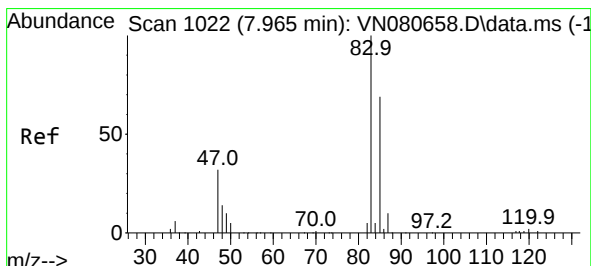
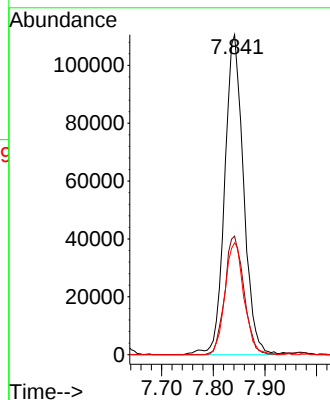
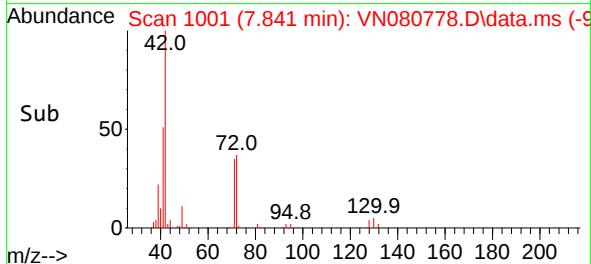
Tgt Ion:	42	Resp:	280698
Ion Ratio	100	Lower	Upper
42	100		
72	37.5	49.8	74.6
71	35.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#30

Chloroform

Concen: 54.279 ug/l

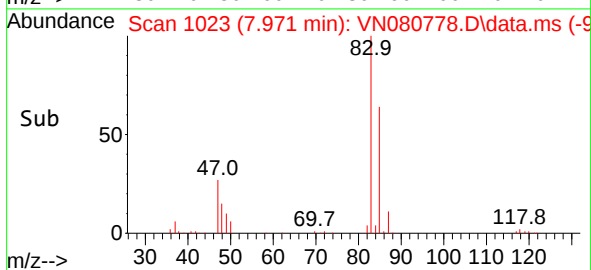
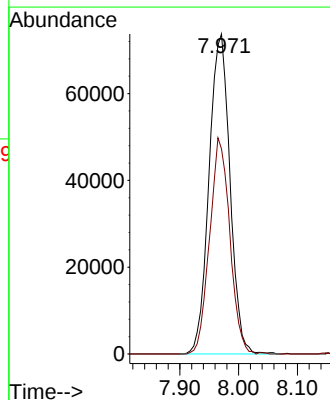
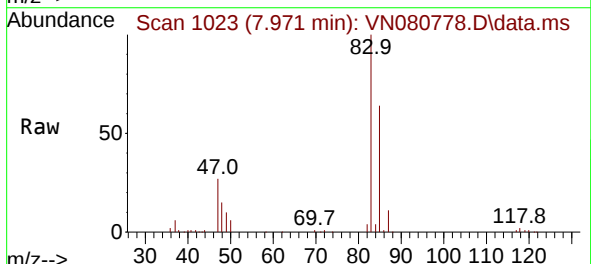
RT: 7.971 min Scan# 1023

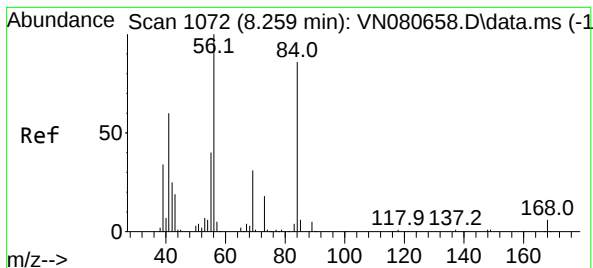
Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Tgt Ion:	83	Resp:	182014
Ion Ratio	100	Lower	Upper
83	100		
85	64.1	55.4	83.0





#31

Cyclohexane

Concen: 53.909 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 171240

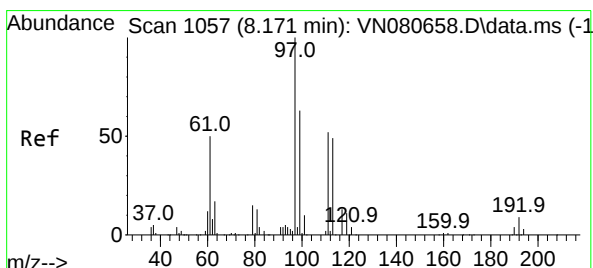
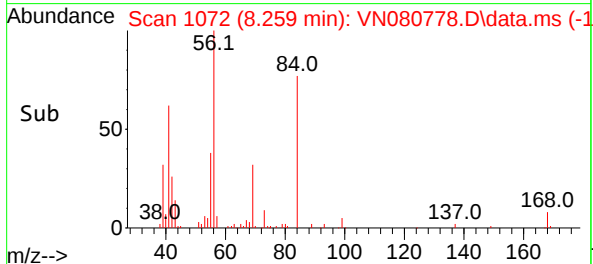
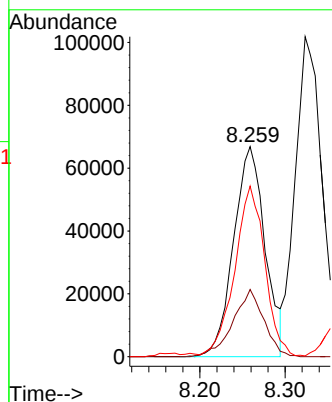
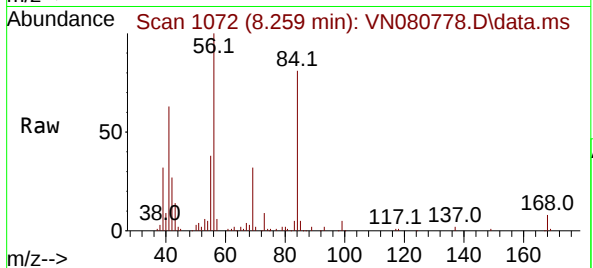
Ion	Ratio	Lower	Upper
56	100		
69	32.0	26.8	40.2
84	80.1	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#32

1,1,1-Trichloroethane

Concen: 49.858 ug/l

RT: 8.171 min Scan# 1057

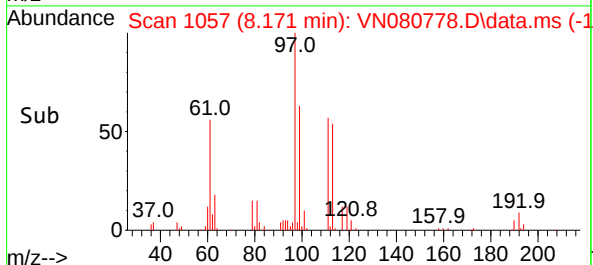
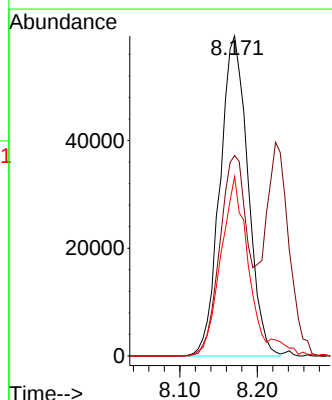
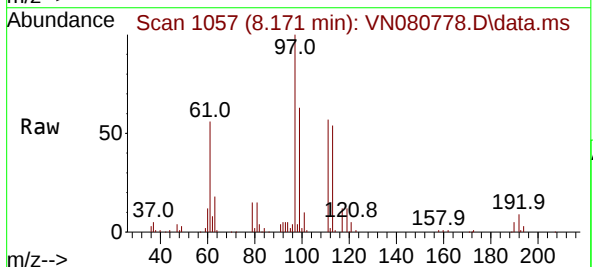
Delta R.T. -0.000 min

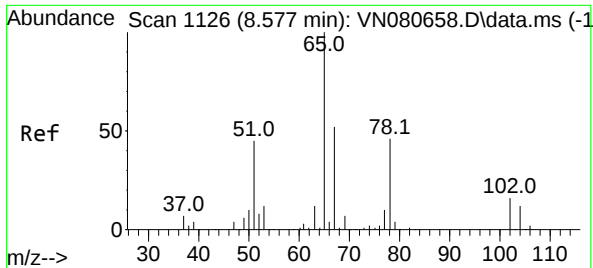
Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Tgt Ion: 97 Resp: 148822

Ion	Ratio	Lower	Upper
97	100		
99	61.1	50.3	75.5
61	57.1	34.7	52.1





#33
1,2-Dichloroethane-d4
Concen: 51.148 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

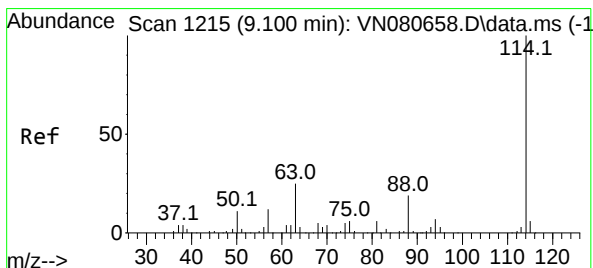
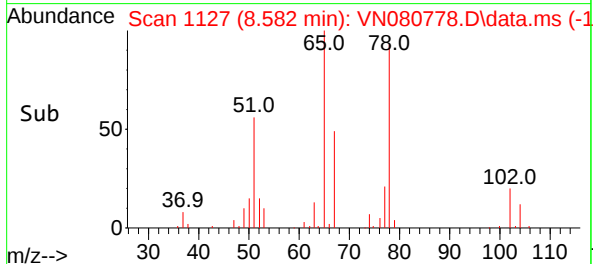
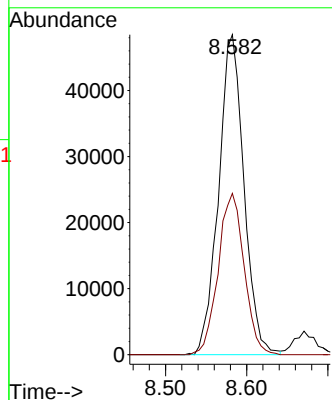
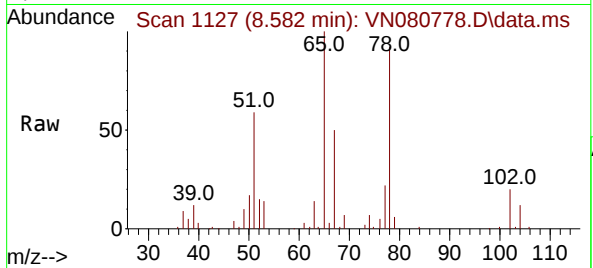
VSTDCCC050EC

Tgt Ion: 65 Resp: 10516
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6

Manual Integrations

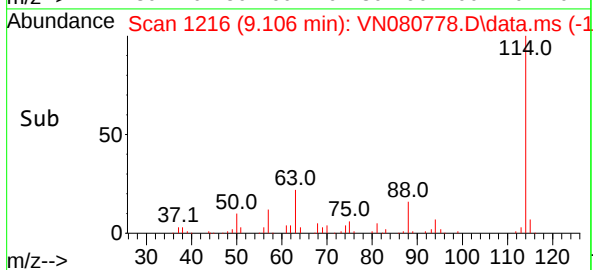
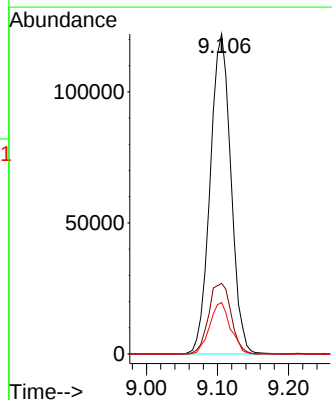
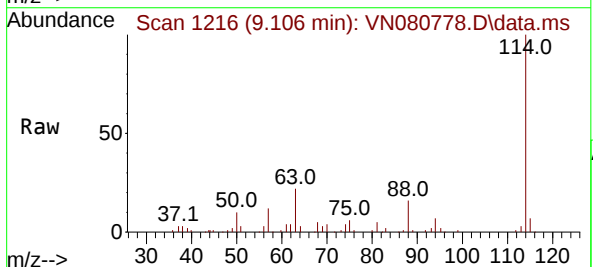
APPROVED

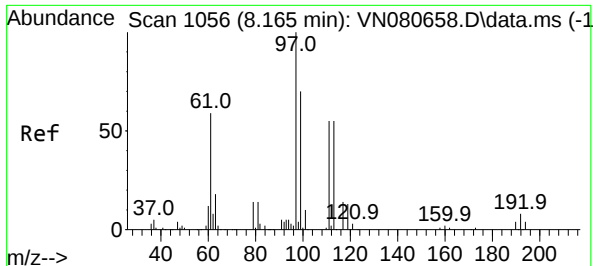
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion:114 Resp: 247617
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.138 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 74760

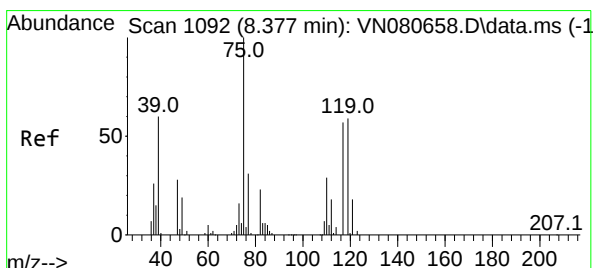
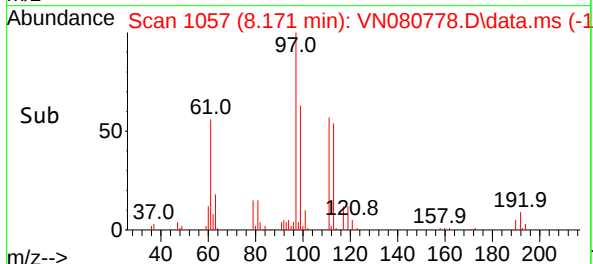
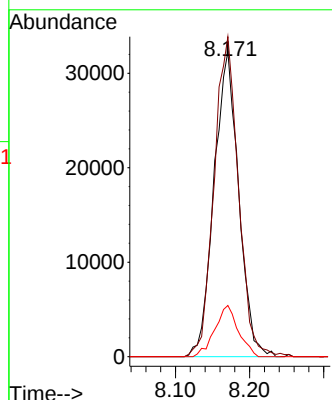
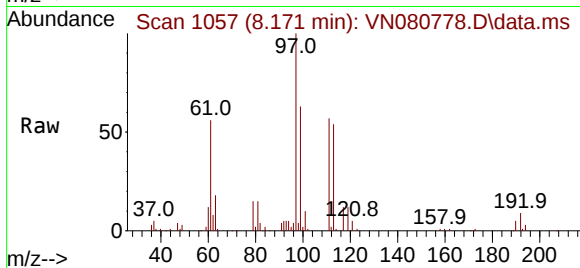
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	15.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 01/29/2024

Supervised By : Mahesh Dadoda 01/29/2024



#36

1,1-Dichloropropene

Concen: 49.506 ug/l

RT: 8.371 min Scan# 1091

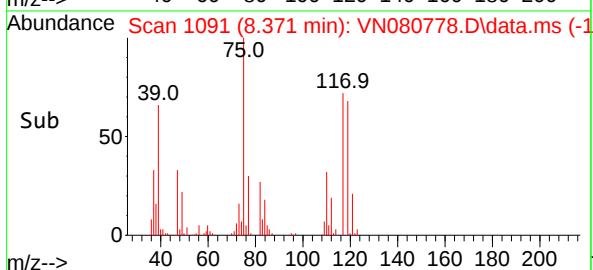
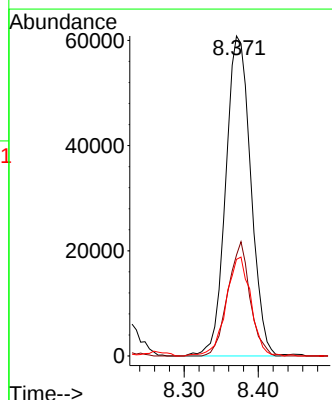
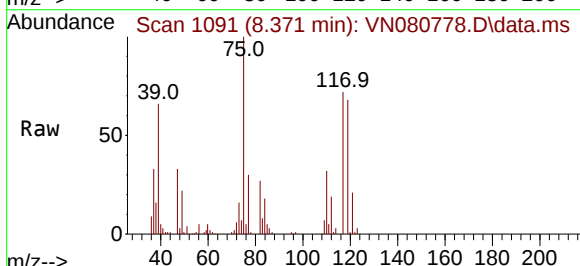
Delta R.T. -0.006 min

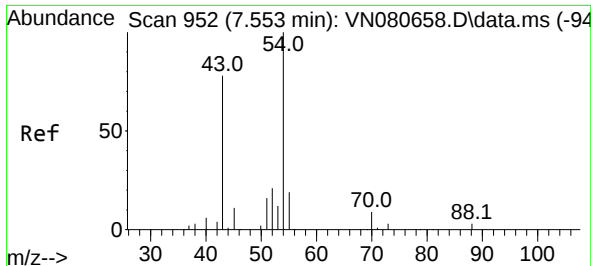
Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Tgt Ion: 75 Resp: 142674

Ion	Ratio	Lower	Upper
75	100		
110	31.7	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 60.239 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 16834

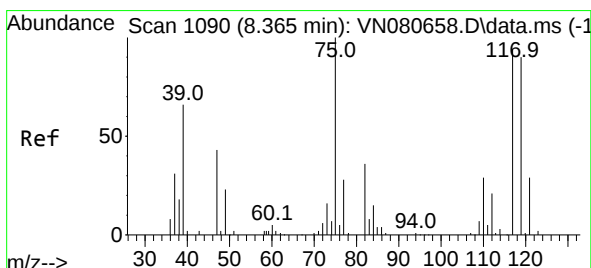
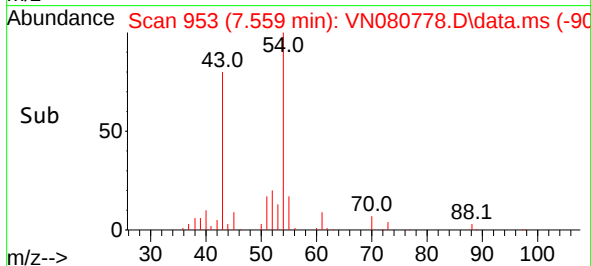
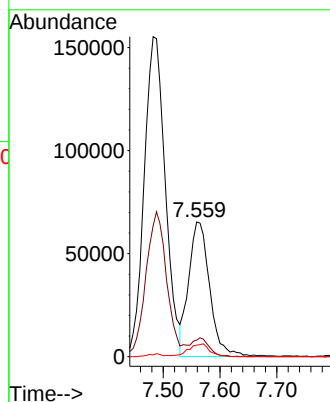
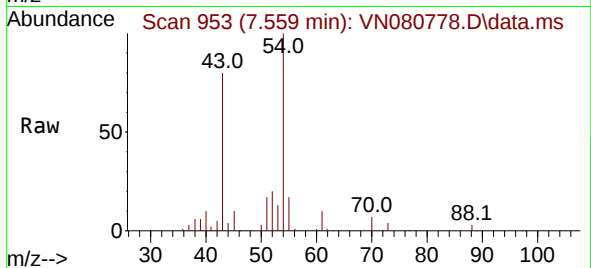
Ion	Ratio	Lower	Upper
43	100		
61	11.7	13.2	19.8
70	9.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#38

Carbon Tetrachloride

Concen: 46.677 ug/l

RT: 8.365 min Scan# 1090

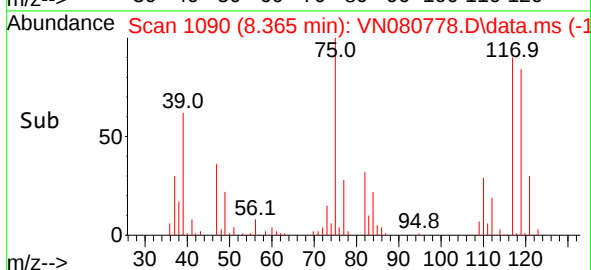
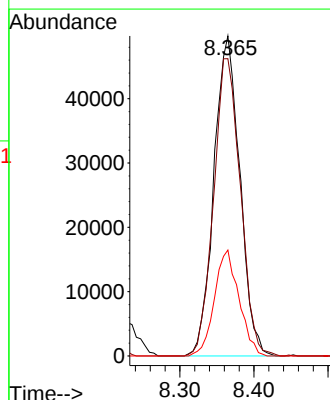
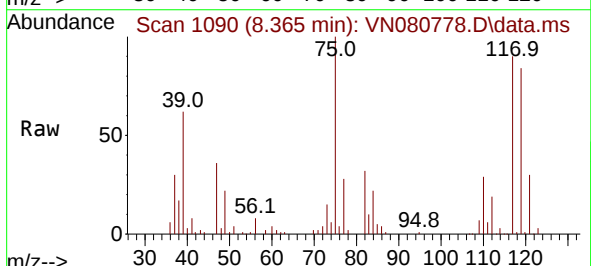
Delta R.T. -0.000 min

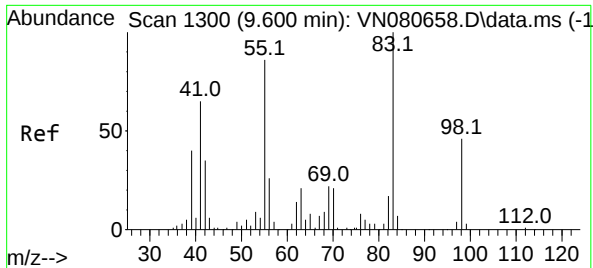
Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Tgt Ion:117 Resp: 120782

Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.3	115.9
121	33.1	23.3	34.9





#39
Methylcyclohexane
Concen: 51.078 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

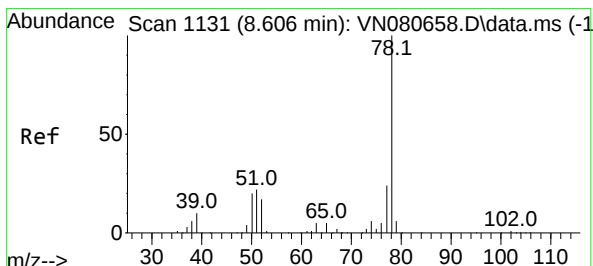
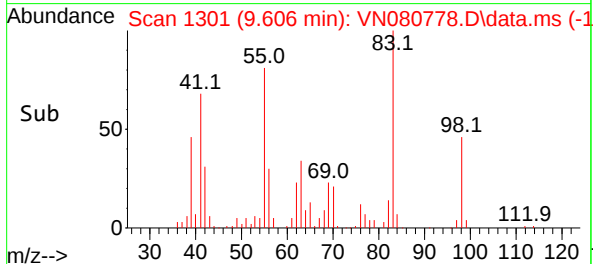
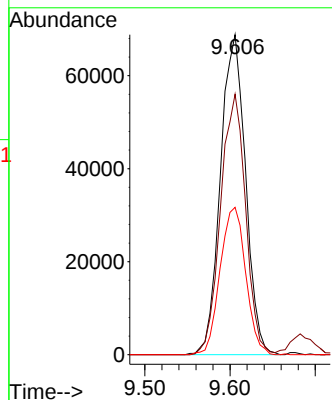
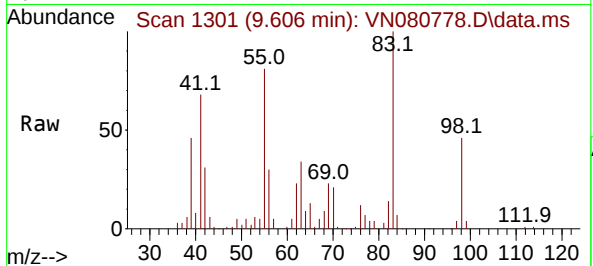
VSTDCCC050EC

Tgt Ion: 83 Resp: 140868
Ion Ratio Lower Upper
83 100
55 81.4 49.1 73.7
98 46.1 40.6 61.0

Manual Integrations

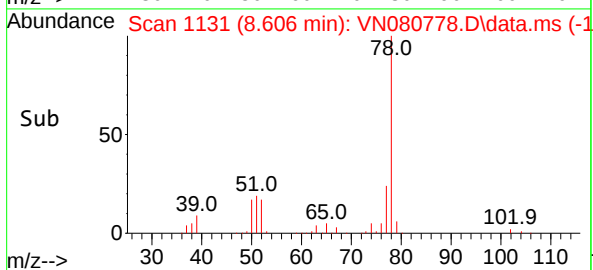
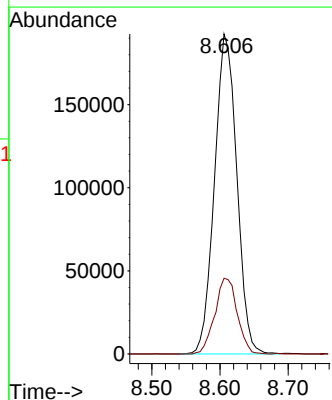
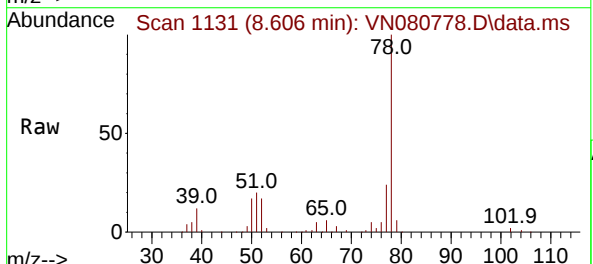
APPROVED

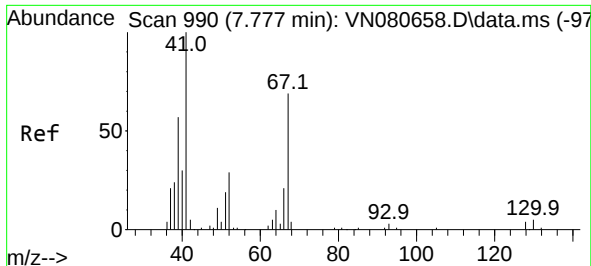
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#40
Benzene
Concen: 54.108 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

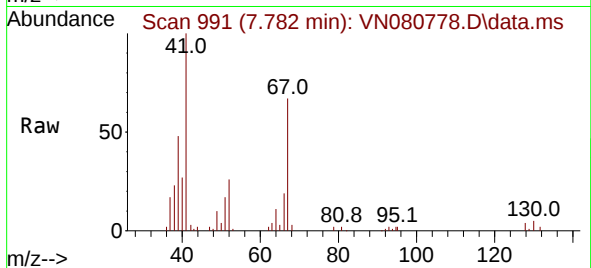
Tgt Ion: 78 Resp: 438369
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 57.921 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

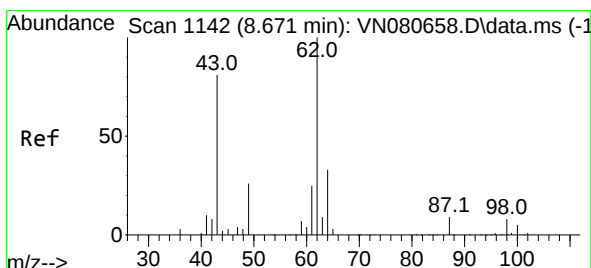
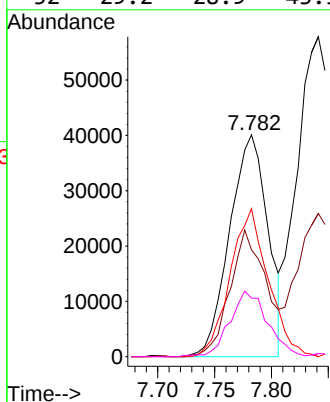
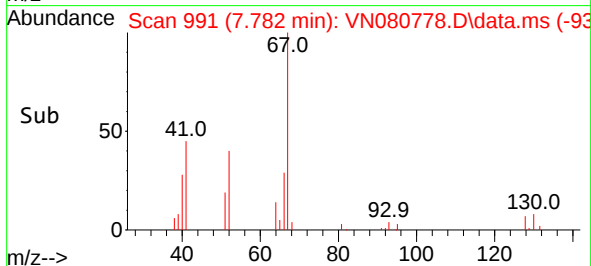
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



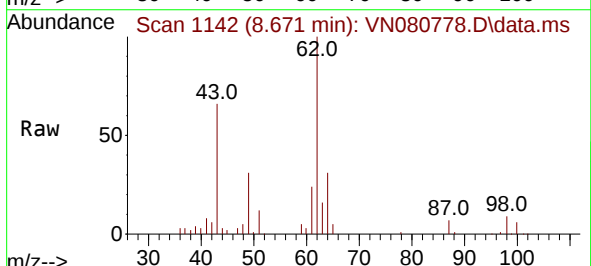
Tgt Ion: 41 Resp: 9389
Ion Ratio Lower Upper
41 100
39 53.4 42.6 64.0
67 66.5 77.5 116.3
52 29.2 28.9 43.3

Manual Integrations
APPROVED

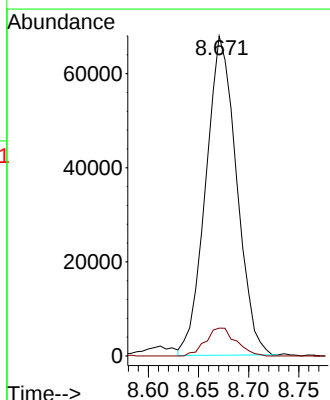
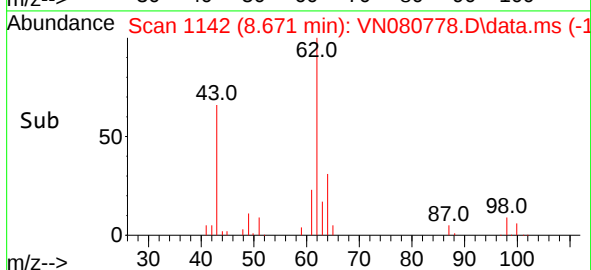
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

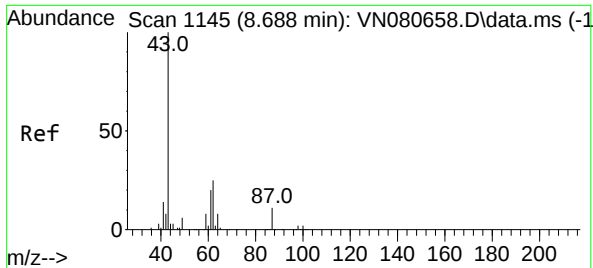


#42
1,2-Dichloroethane
Concen: 46.751 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



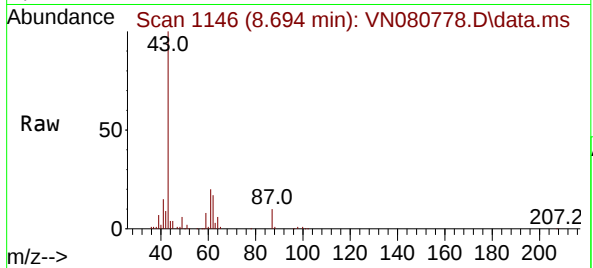
Tgt Ion: 62 Resp: 145003
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 56.937 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

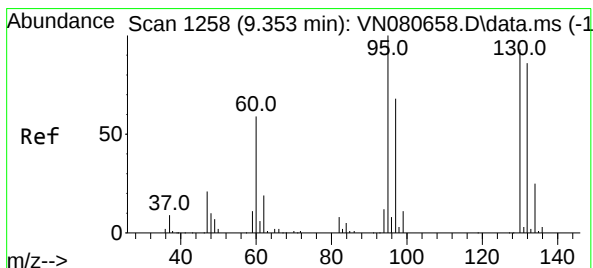
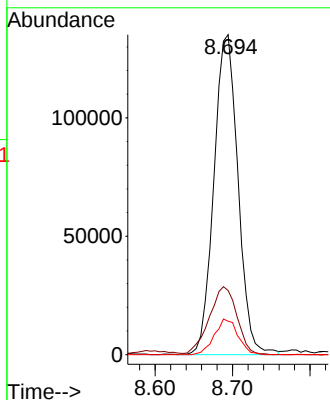
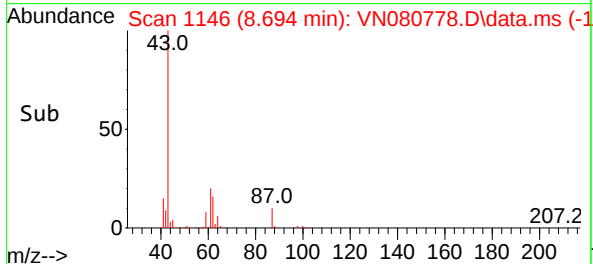
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



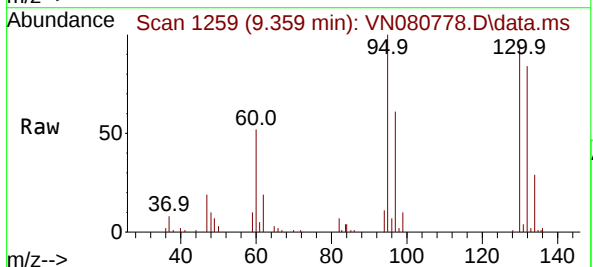
Tgt Ion: 43 Resp: 292479
Ion Ratio Lower Upper
43 100
61 24.5 24.7 37.1
87 10.9 14.6 21.8

Manual Integrations
APPROVED

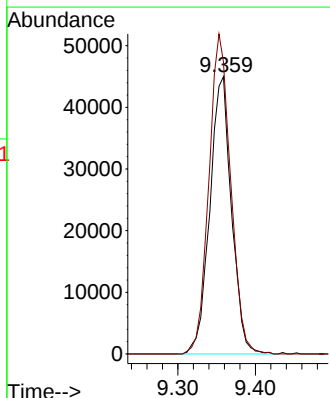
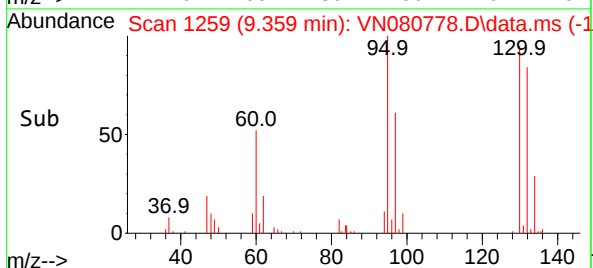
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

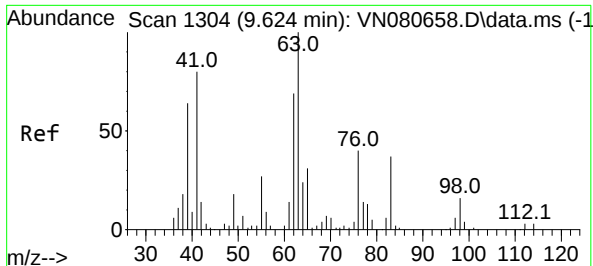


#44
Trichloroethene
Concen: 47.676 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



Tgt Ion:130 Resp: 87442
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.447 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 121244

Ion Ratio Lower Upper

63 100

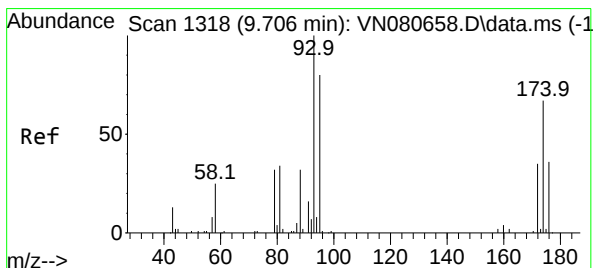
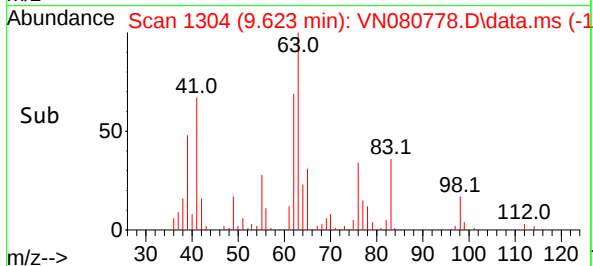
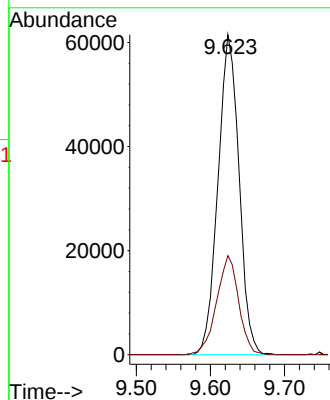
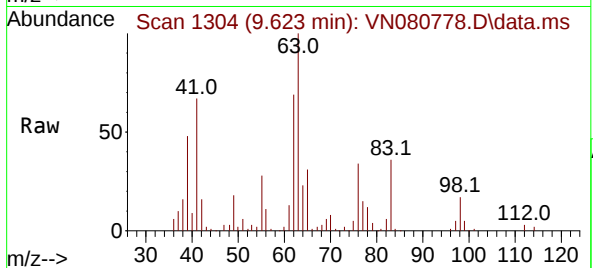
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#46

Dibromomethane

Concen: 51.007 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

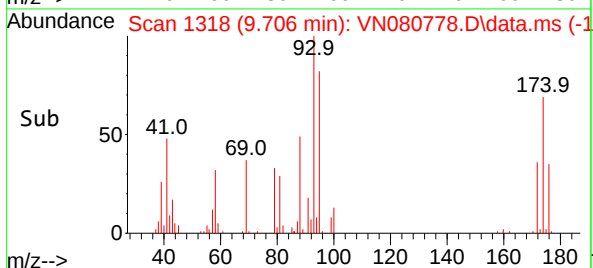
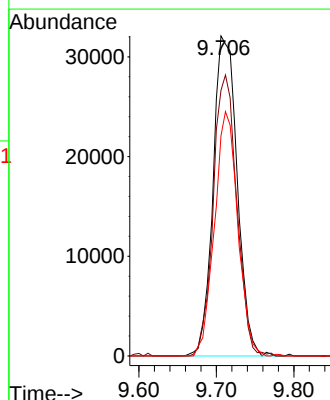
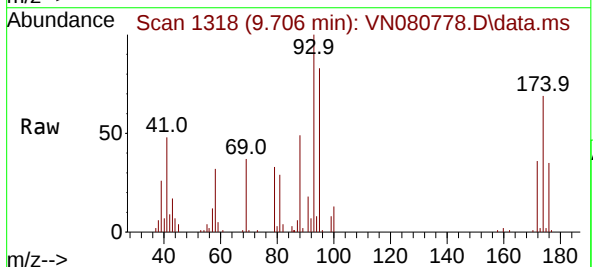
Tgt Ion: 93 Resp: 69315

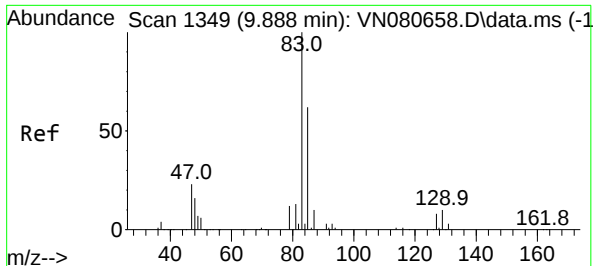
Ion Ratio Lower Upper

93 100

95 85.7 63.8 95.8

174 73.7 65.6 98.4





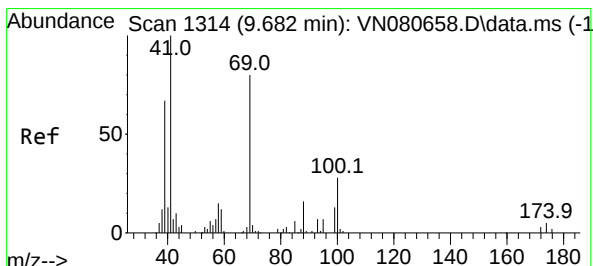
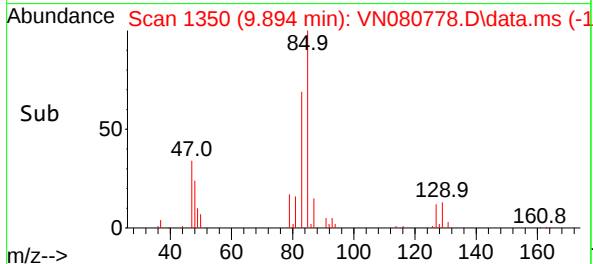
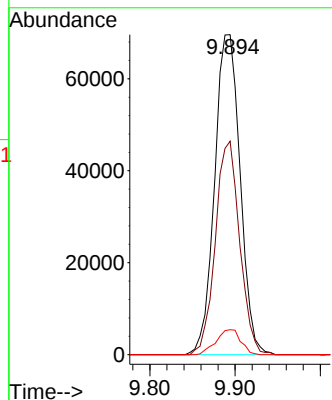
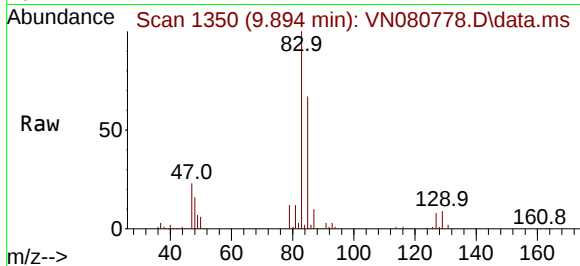
#47
Bromodichloromethane
Concen: 47.980 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 144720
Ion Ratio Lower Upper
83 100
85 66.7 49.6 74.4
127 7.8 7.0 10.6

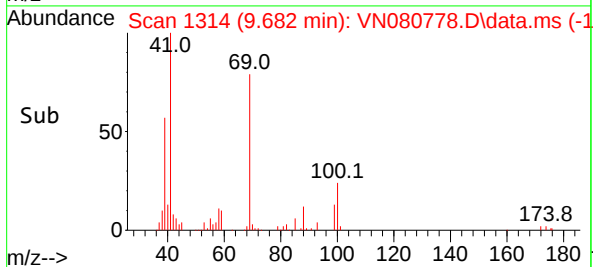
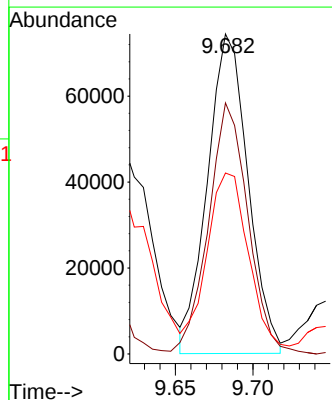
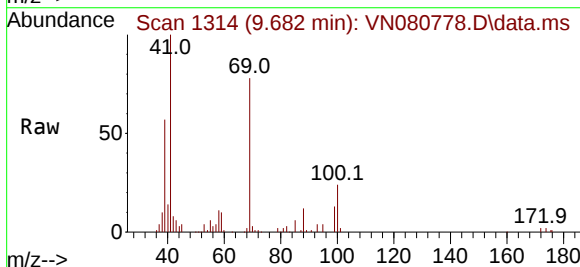
Manual Integrations
APPROVED

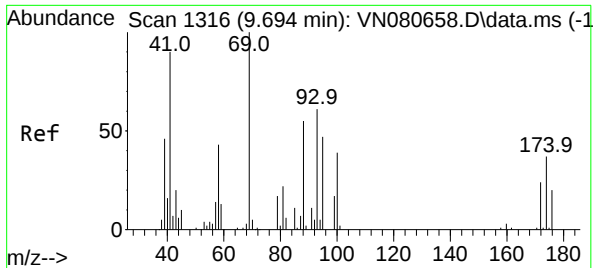
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#48
Methyl methacrylate
Concen: 55.558 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 41 Resp: 135120
Ion Ratio Lower Upper
41 100
69 76.8 90.4 135.6#
39 59.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1334.004 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

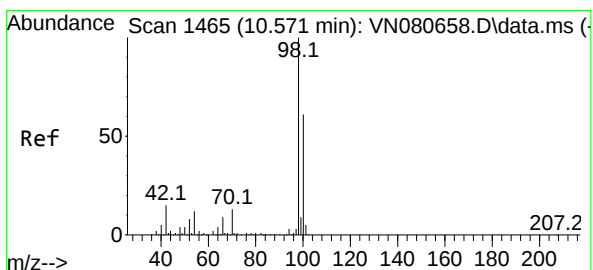
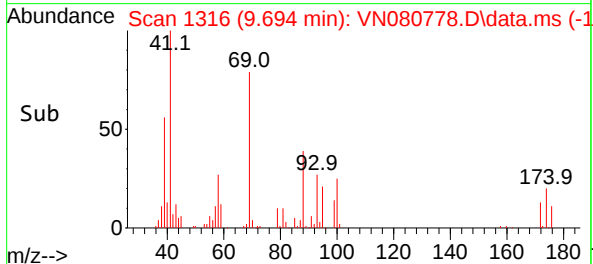
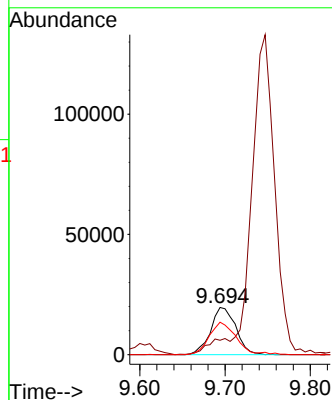
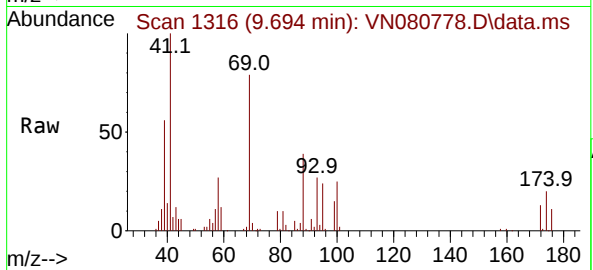
Tgt Ion: 88 Resp: 40425
 Ion Ratio Lower Upper
 88 100
 43 0.0 17.0 25.6
 58 73.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#50

Toluene-d8

Concen: 55.947 ug/l

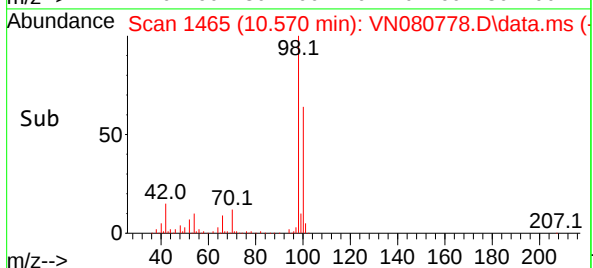
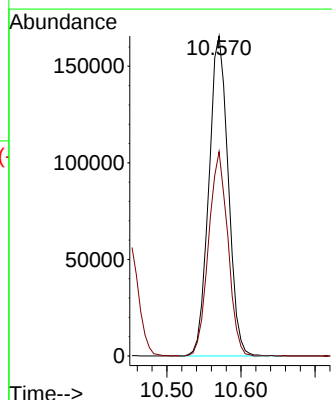
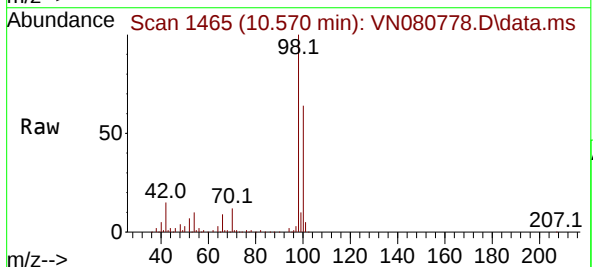
RT: 10.570 min Scan# 1465

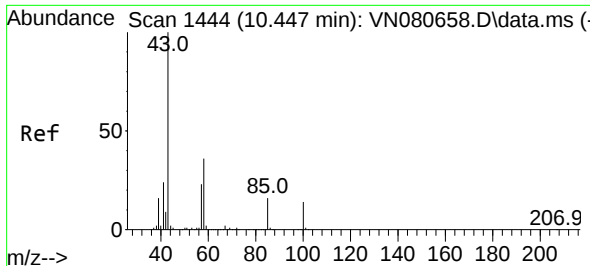
Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

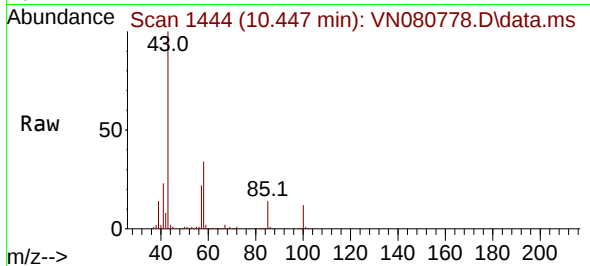
Tgt Ion: 98 Resp: 300134
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 314.815 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

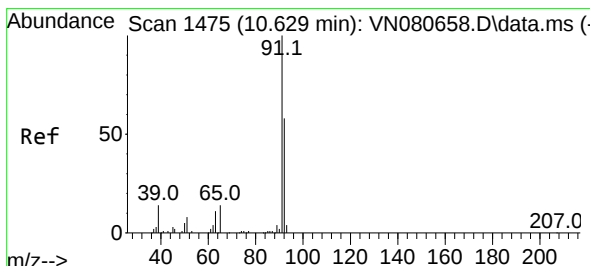
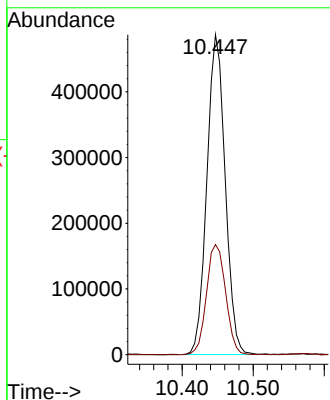
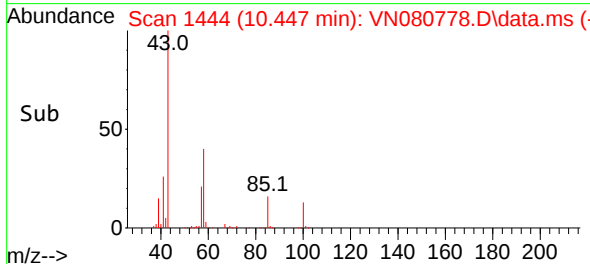
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



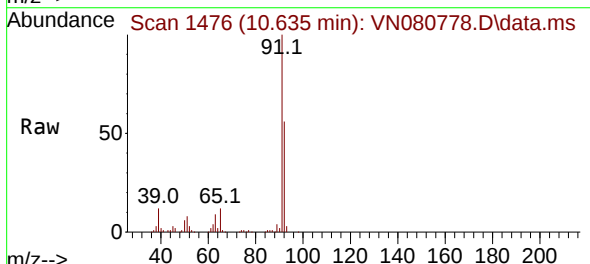
Tgt Ion: 43 Resp: 872440
Ion Ratio Lower Upper
43 100
58 36.0 36.6 54.8

Manual Integrations
APPROVED

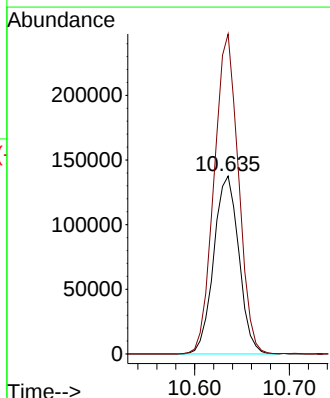
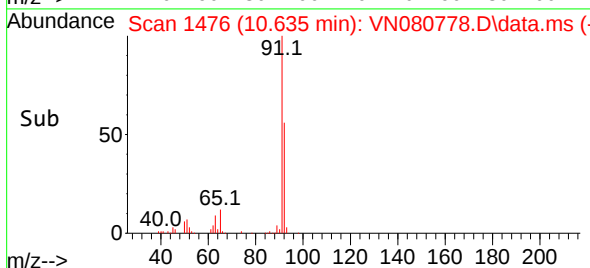
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

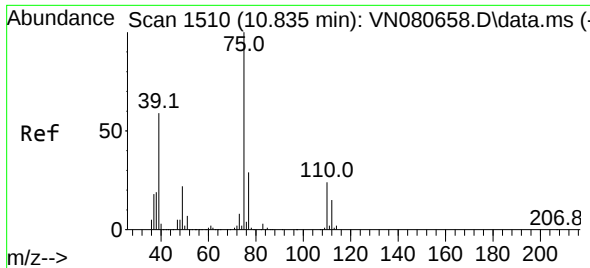


#52
Toluene
Concen: 54.514 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



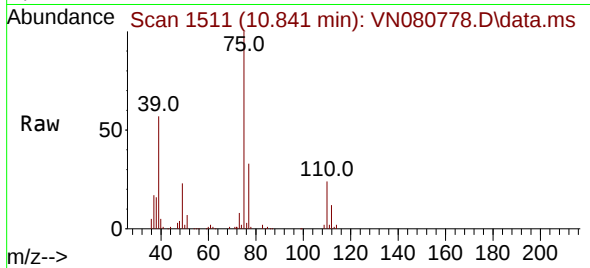
Tgt Ion: 92 Resp: 253044
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 50.229 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

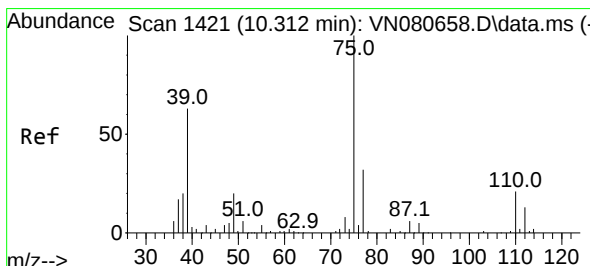
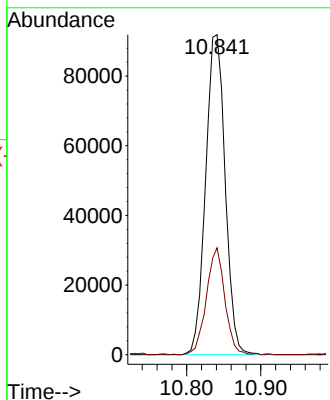
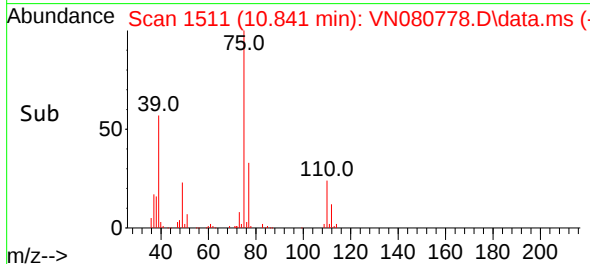
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 168158
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

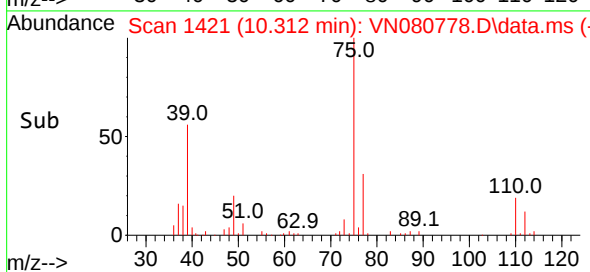
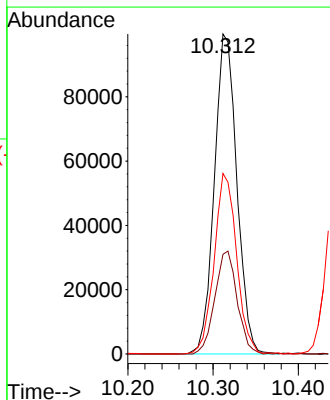
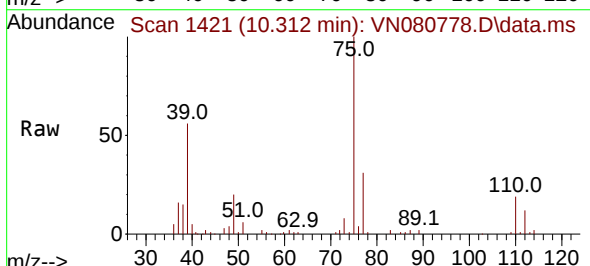
Manual Integrations
APPROVED

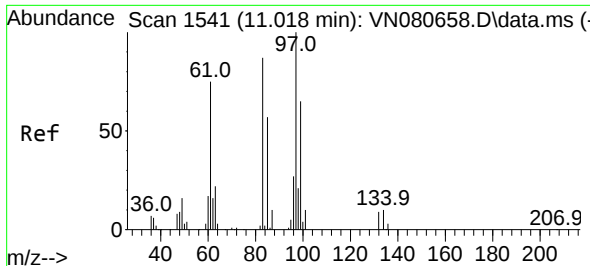
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#54
cis-1,3-Dichloropropene
Concen: 51.561 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

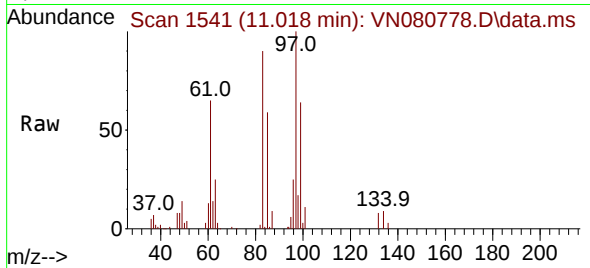
Tgt Ion: 75 Resp: 183057
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 56.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 54.464 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

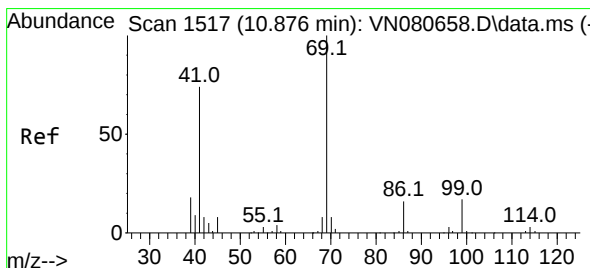
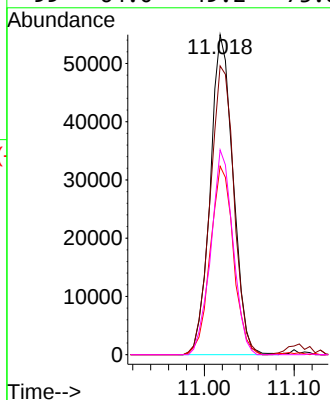
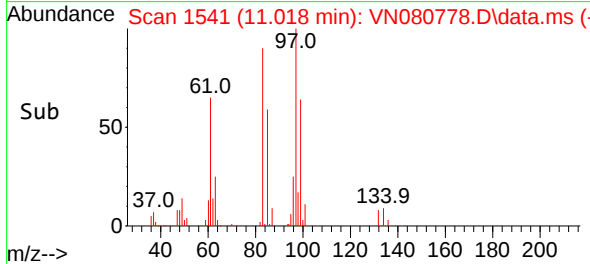
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.1	97.7
85	58.9	43.4	65.2
99	64.0	49.2	73.8

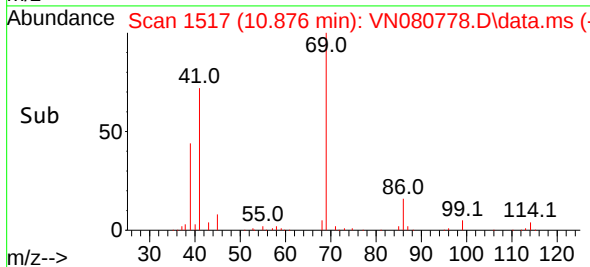
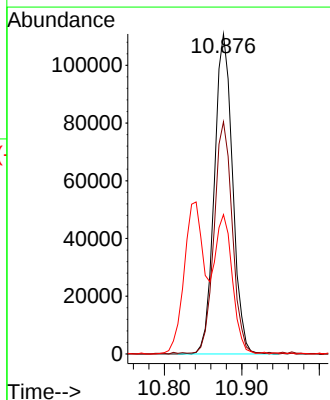
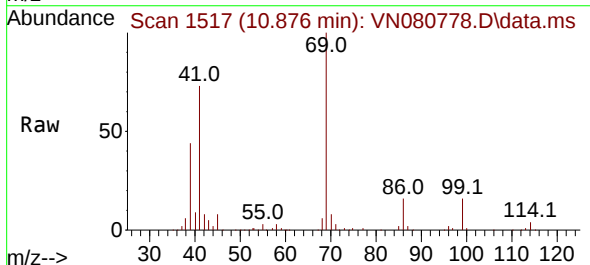
Manual Integrations
APPROVED

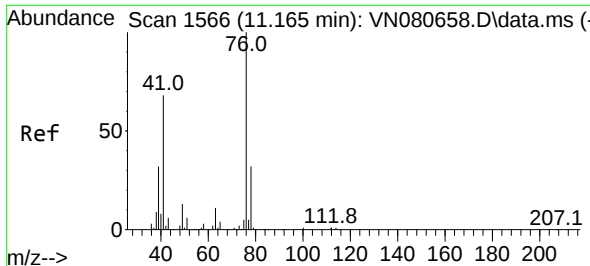
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#56
Ethyl methacrylate
Concen: 56.539 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

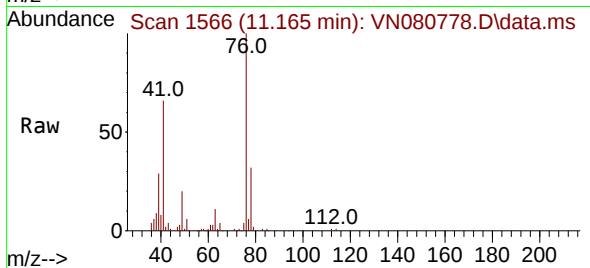
Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	39.6	59.4
39	40.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 57.130 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

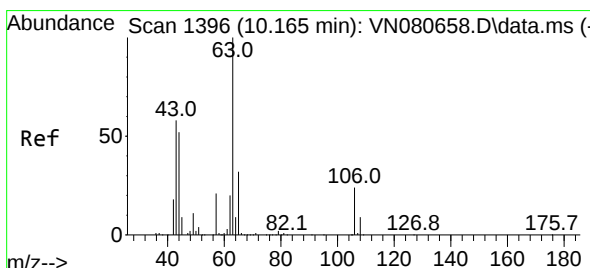
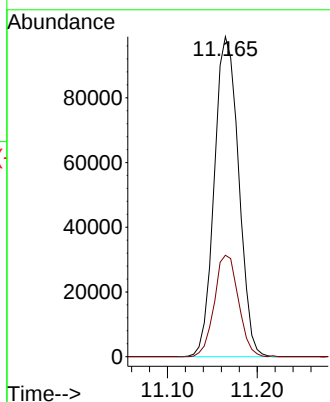
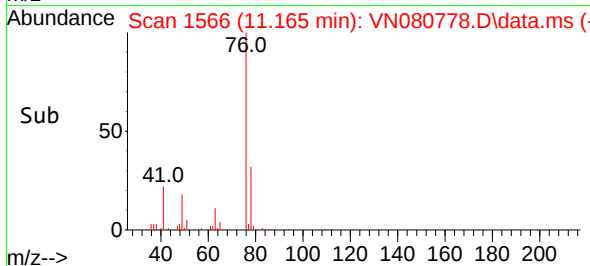
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 18634
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1

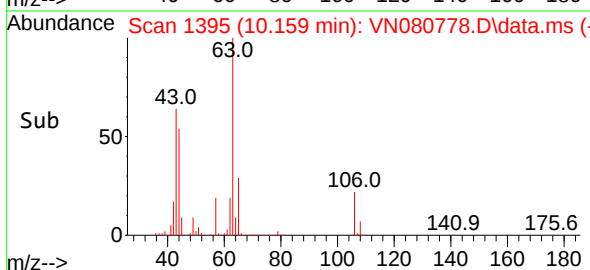
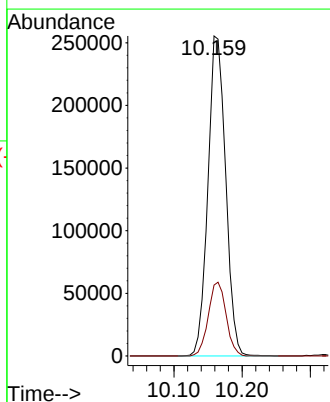
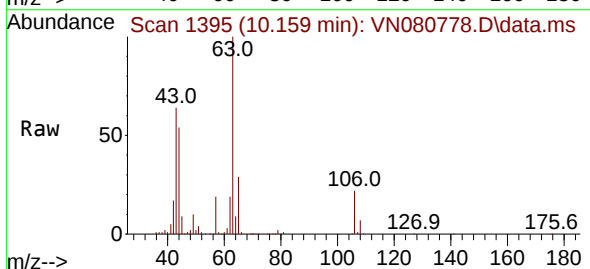
Manual Integrations
APPROVED

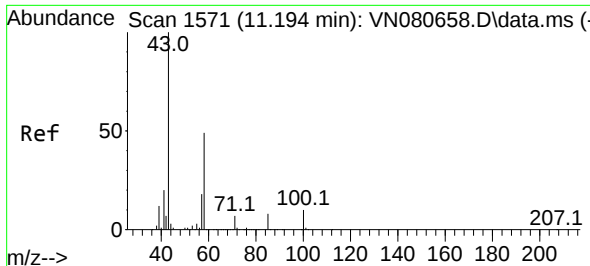
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 301.599 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

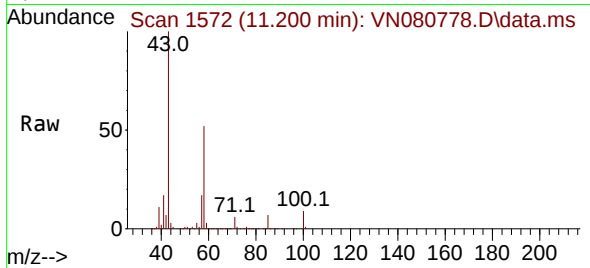
Tgt Ion: 63 Resp: 462282
Ion Ratio Lower Upper
63 100
106 23.1 26.2 39.4#





#59
2-Hexanone
Concen: 317.094 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

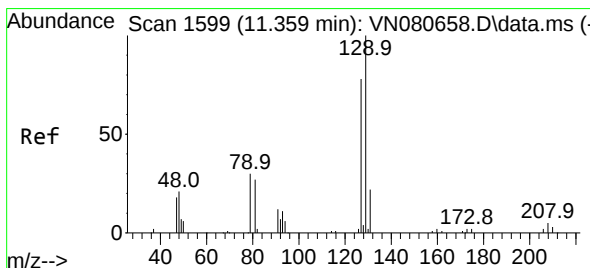
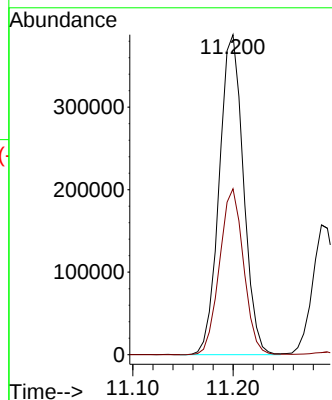
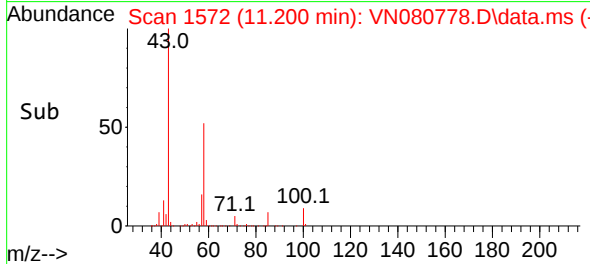
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 648710
Ion Ratio Lower Upper
43 100
58 51.5 31.7 95.1

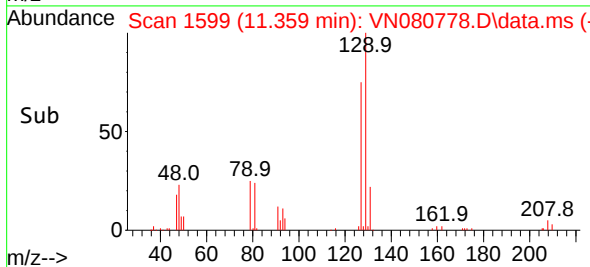
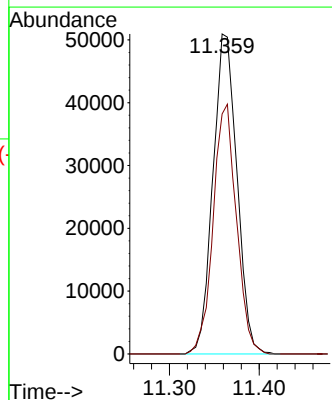
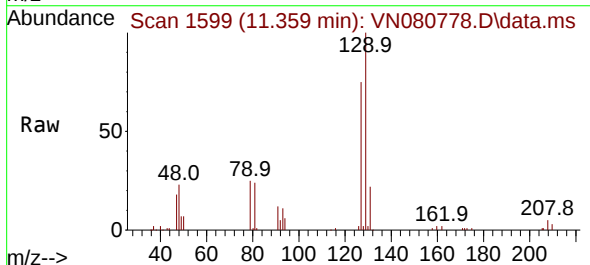
Manual Integrations
APPROVED

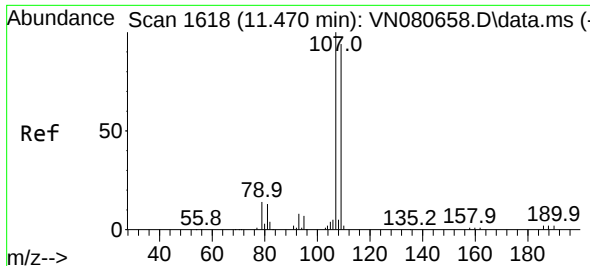
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#60
Dibromochloromethane
Concen: 51.562 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

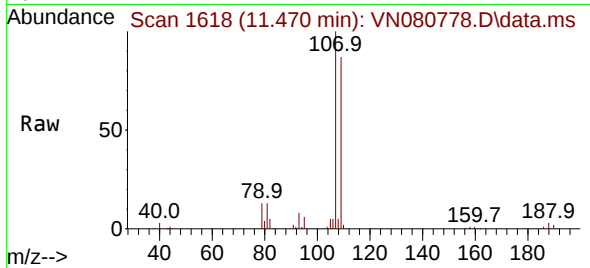
Tgt Ion:129 Resp: 94679
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.989 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

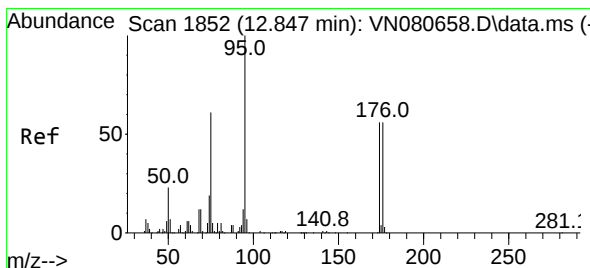
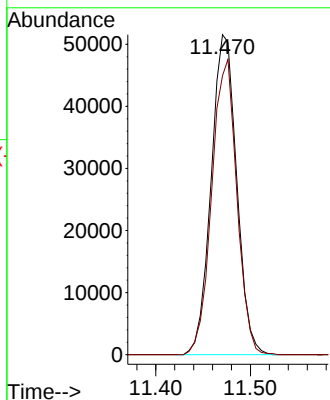
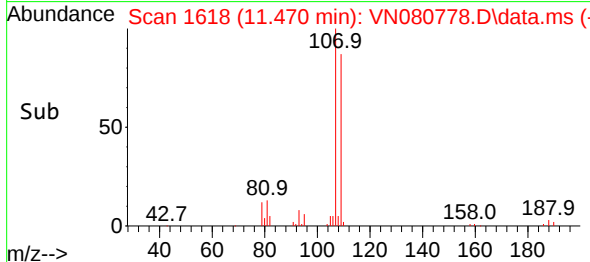
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



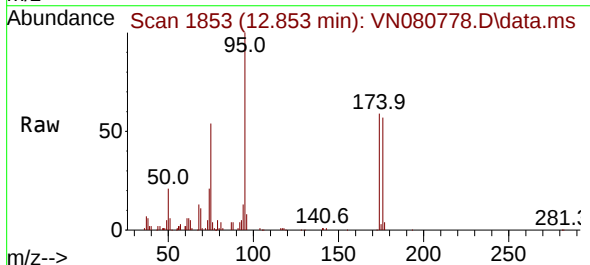
Tgt Ion:107 Resp: 96578
Ion Ratio Lower Upper
107 100
109 90.5 76.6 114.8

Manual Integrations
APPROVED

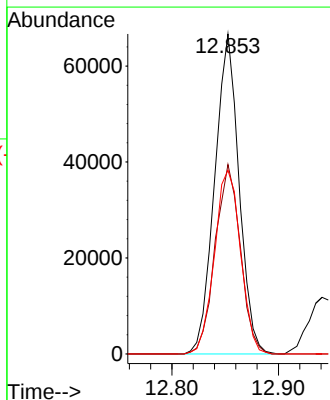
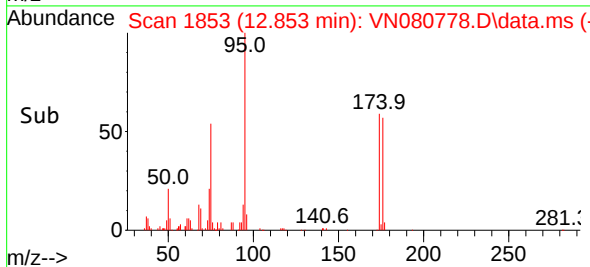
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

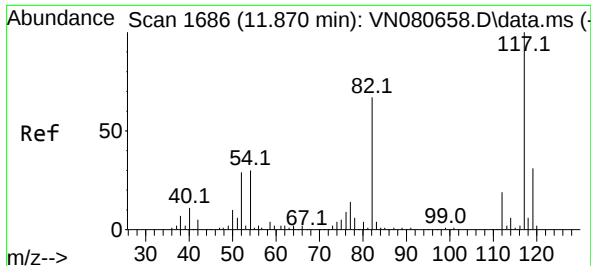


#62
4-Bromofluorobenzene
Concen: 51.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



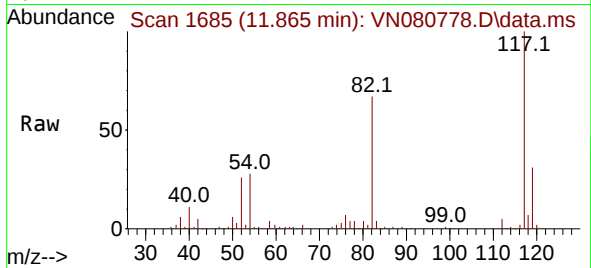
Tgt Ion: 95 Resp: 105898
Ion Ratio Lower Upper
95 100
174 61.2 0.0 143.8
176 61.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

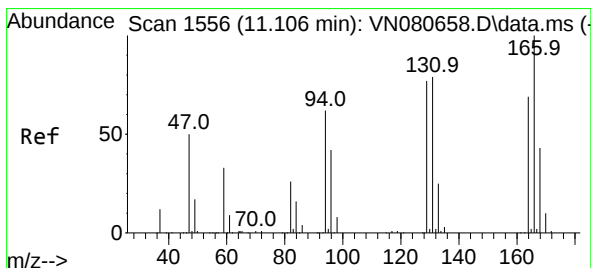
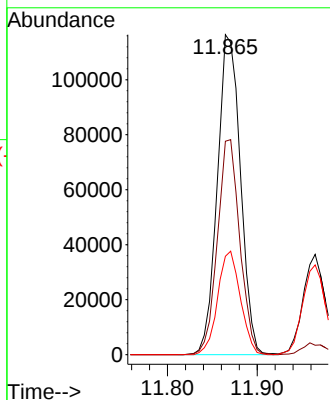
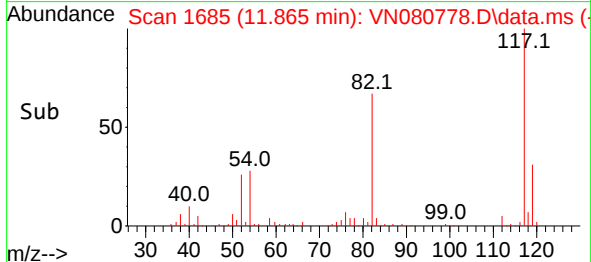
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 208250
Ion Ratio Lower Upper
117 100
82 66.7 44.0 66.0
119 30.8 25.6 38.4

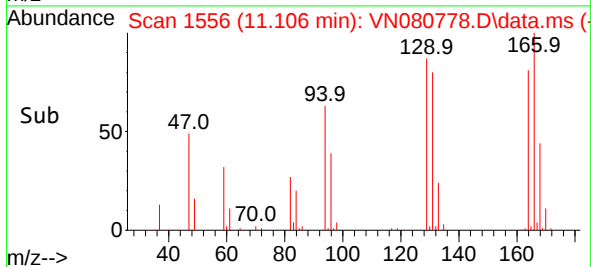
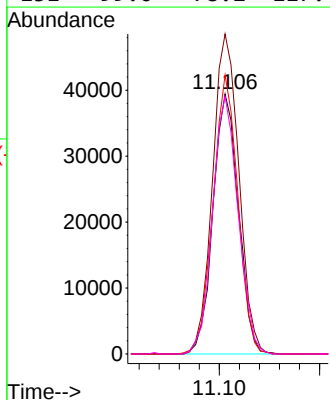
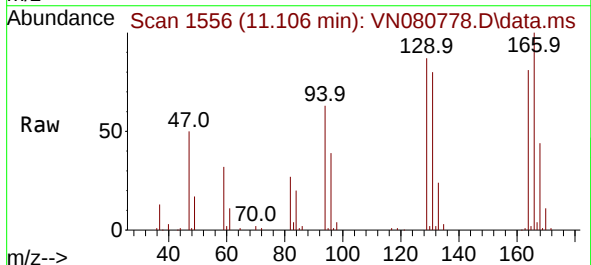
Manual Integrations
APPROVED

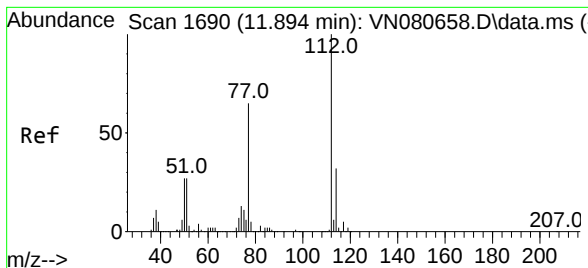
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#64
Tetrachloroethene
Concen: 48.473 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

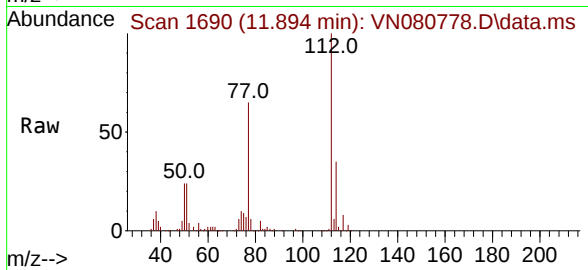
Tgt Ion:164 Resp: 69323
Ion Ratio Lower Upper
164 100
166 123.1 101.4 152.0
129 107.3 82.4 123.6
131 99.0 78.2 117.4





#65
Chlorobenzene
Concen: 54.638 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

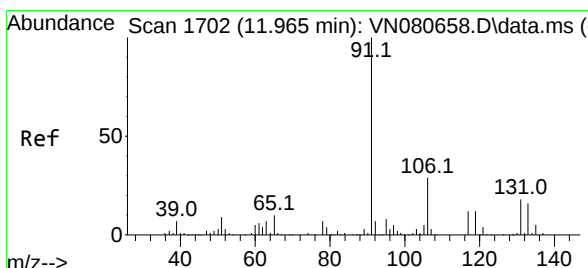
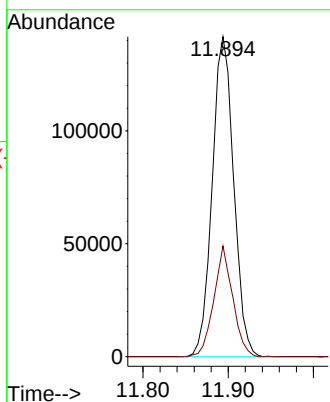
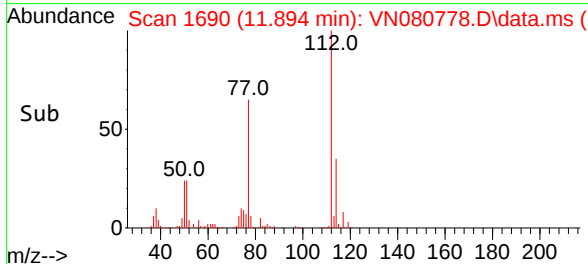
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



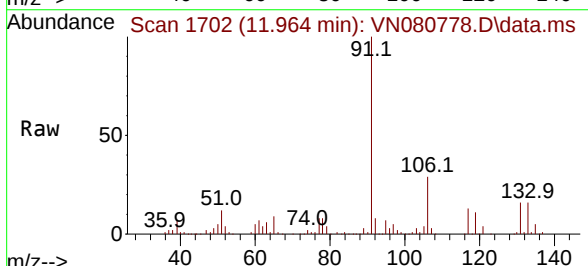
Tgt Ion:112 Resp: 248594
Ion Ratio Lower Upper
112 100
114 34.6 25.0 37.4

Manual Integrations
APPROVED

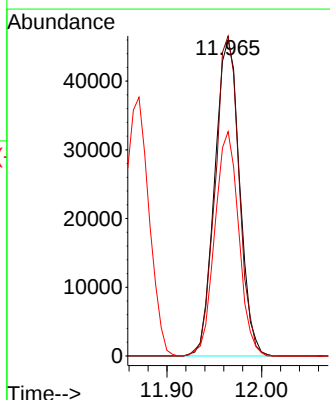
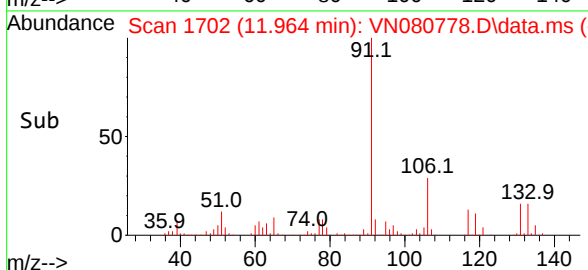
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

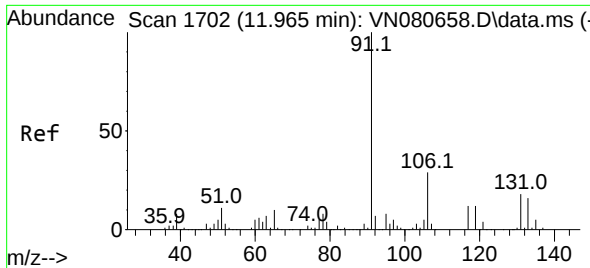


#66
1,1,1,2-Tetrachloroethane
Concen: 52.047 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



Tgt Ion:131 Resp: 84076
Ion Ratio Lower Upper
131 100
133 97.4 46.4 139.1
119 68.4 34.1 102.2





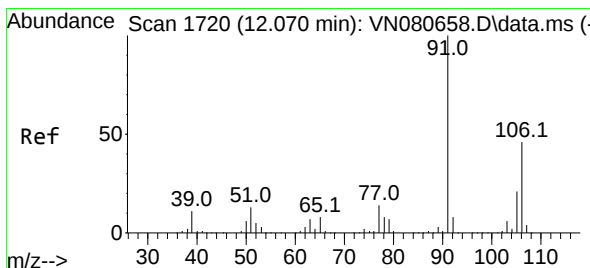
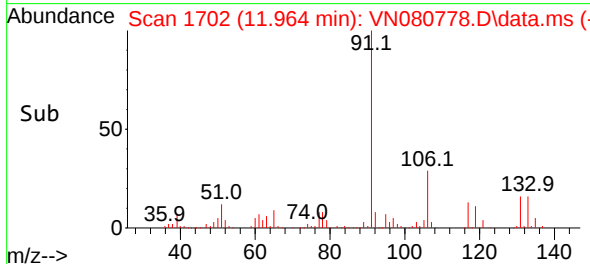
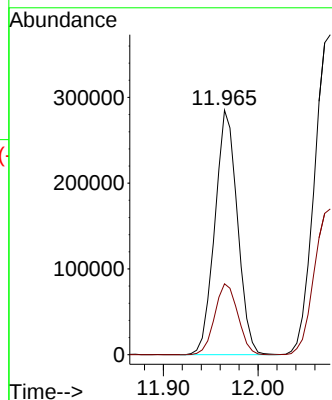
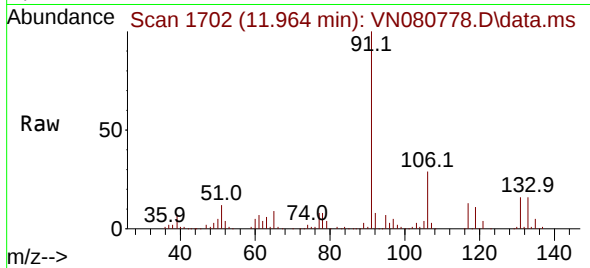
#67
Ethyl Benzene
Concen: 54.408 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 472689
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

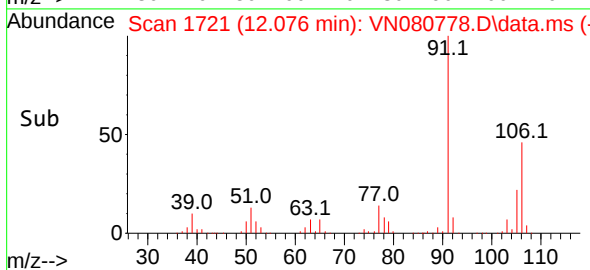
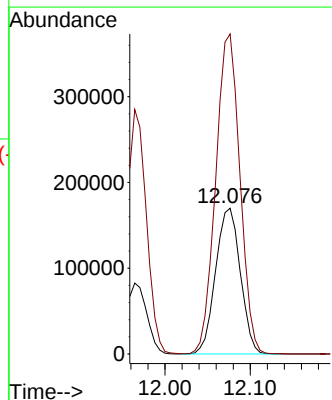
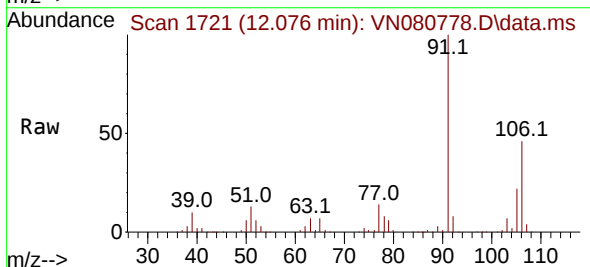
Manual Integrations
APPROVED

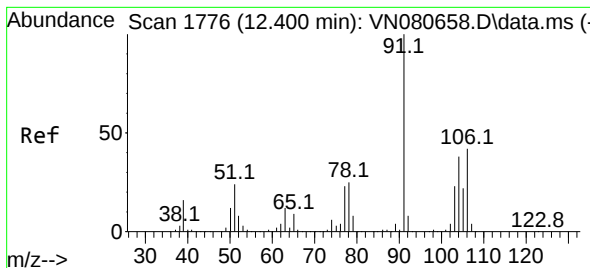
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#68
m/p-Xylenes
Concen: 112.030 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

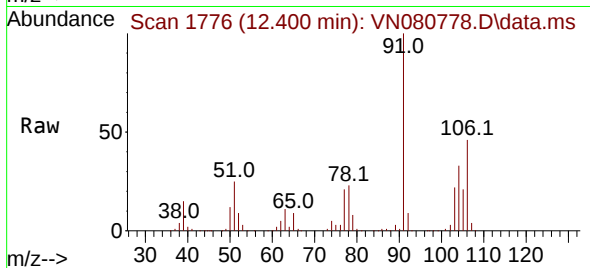
Tgt Ion:106 Resp: 342184
Ion Ratio Lower Upper
106 100
91 215.6 159.6 239.4





#69
o-Xylene
Concen: 57.246 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

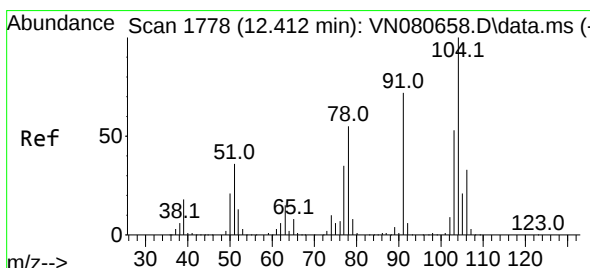
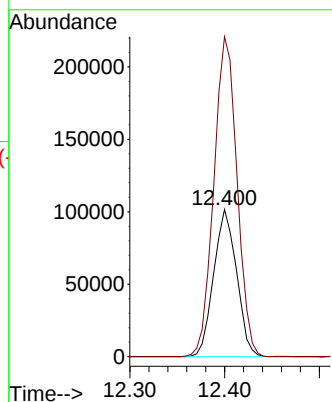
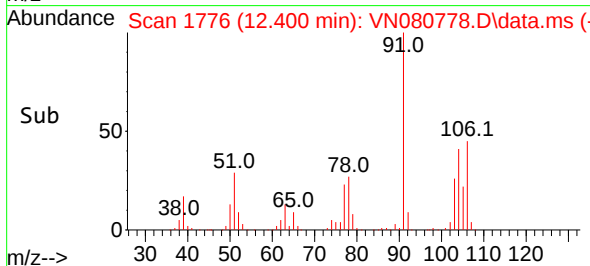
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



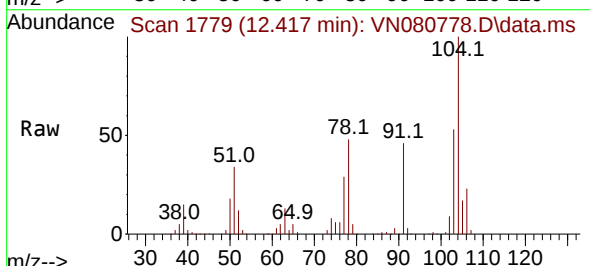
Tgt Ion:106 Resp: 17096
Ion Ratio Lower Upper
106 100
91 220.2 105.2 315.5

Manual Integrations
APPROVED

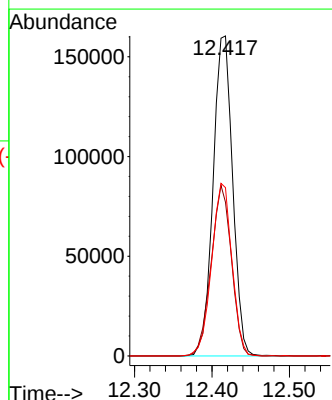
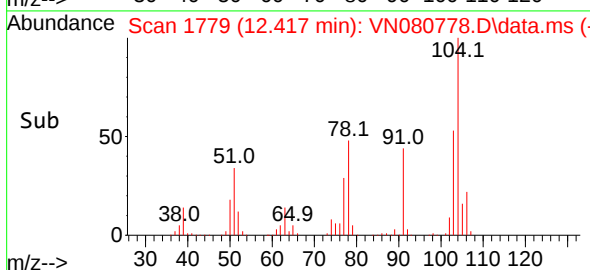
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

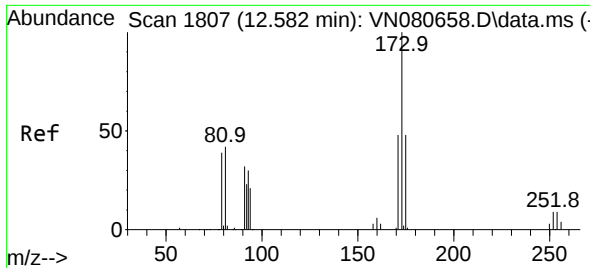


#70
Styrene
Concen: 55.357 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



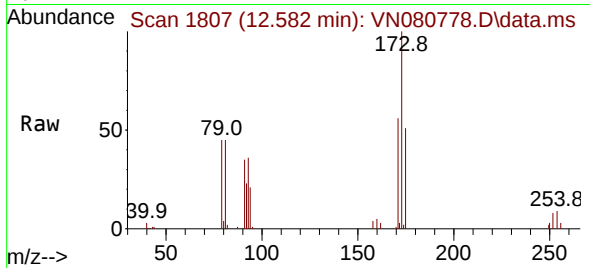
Tgt Ion:104 Resp: 280736
Ion Ratio Lower Upper
104 100
78 55.5 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 53.420 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

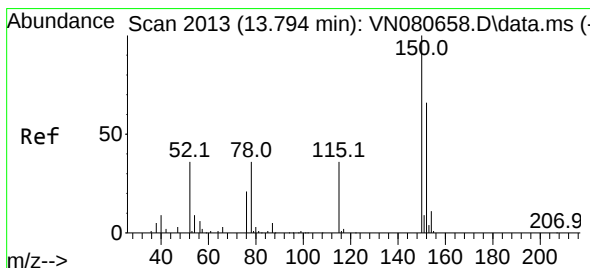
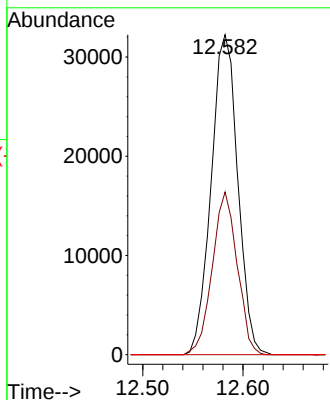
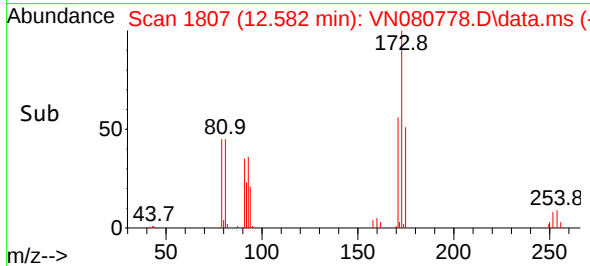
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



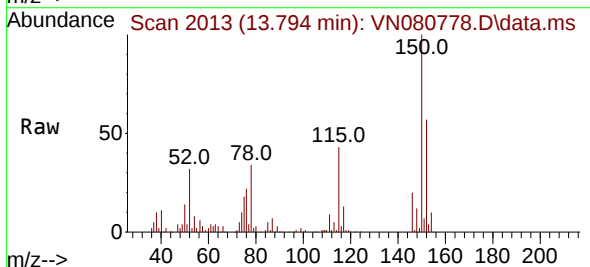
Tgt Ion:173 Resp: 5936
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

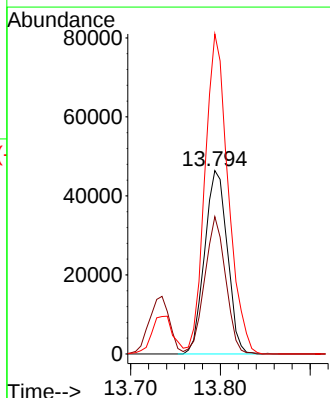
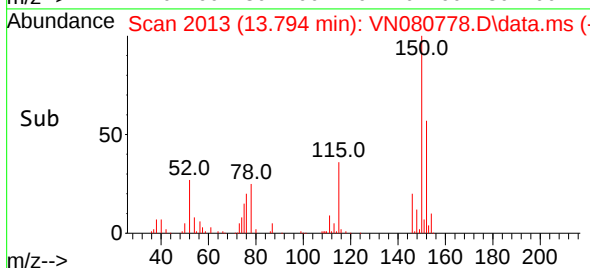
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

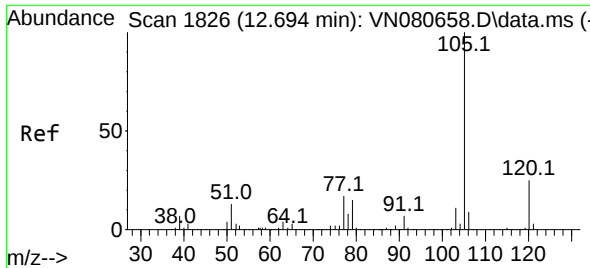


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



Tgt Ion:152 Resp: 81493
Ion Ratio Lower Upper
152 100
115 69.2 32.3 96.8
150 178.8 0.0 355.8





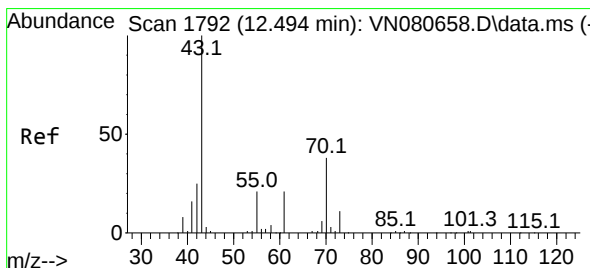
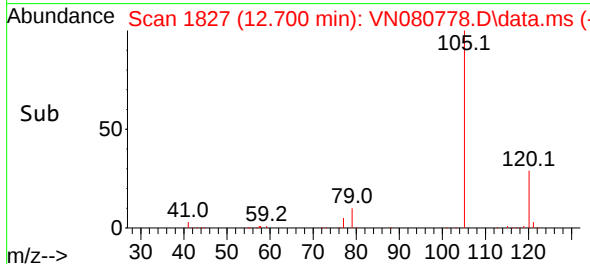
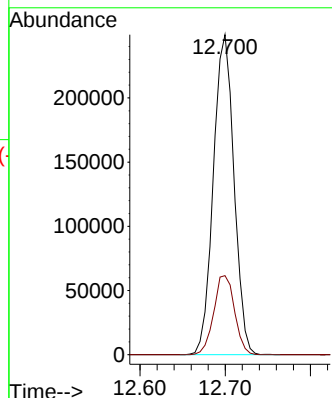
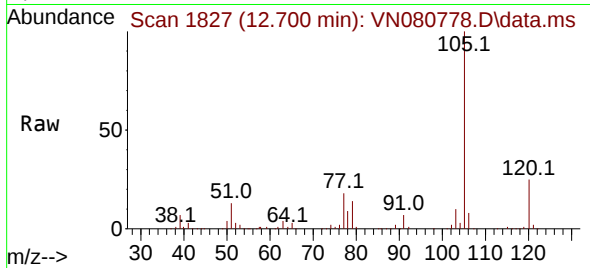
#73
Isopropylbenzene
Concen: 54.135 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 419515
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

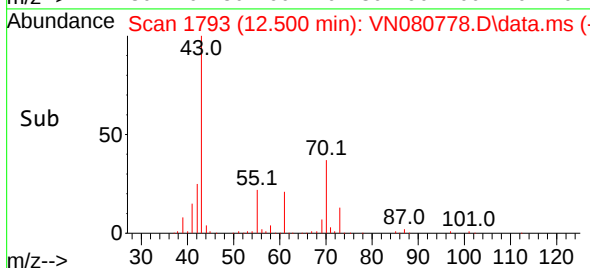
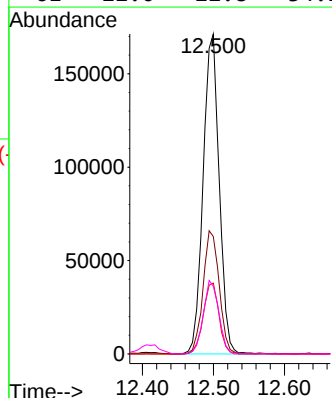
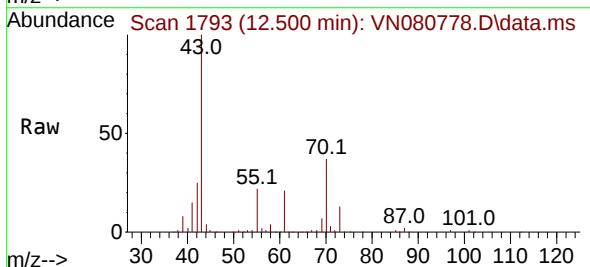
Manual Integrations
APPROVED

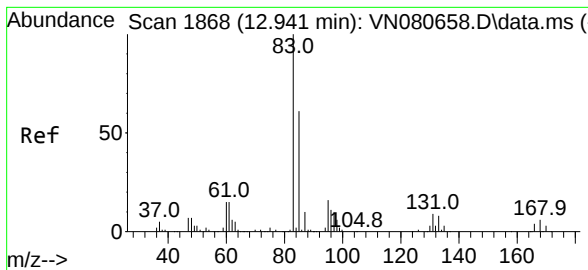
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#74
N-ethyl acetate
Concen: 58.084 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

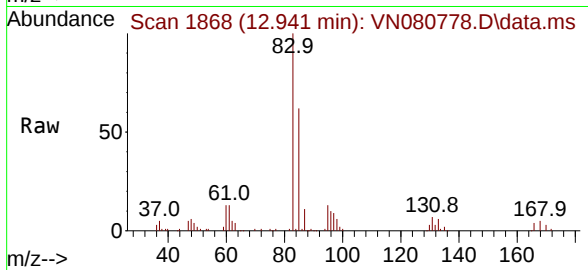
Tgt Ion: 43 Resp: 270125
Ion Ratio Lower Upper
43 100
70 38.5 43.4 65.2#
55 21.7 21.4 32.0
61 22.0 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 58.834 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

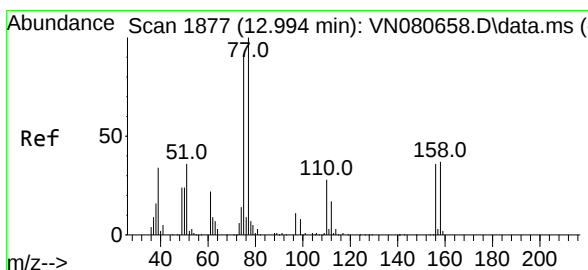
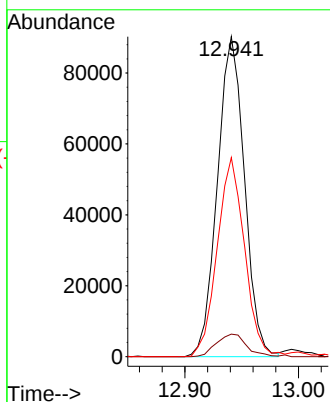
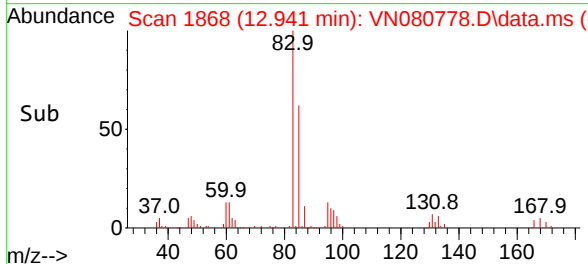
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 14955
Ion Ratio Lower Upper
83 100
131 8.0 5.0 15.0
85 62.9 31.9 95.7

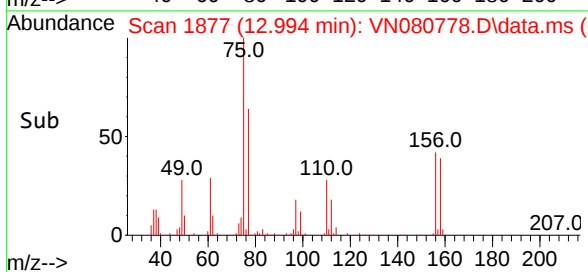
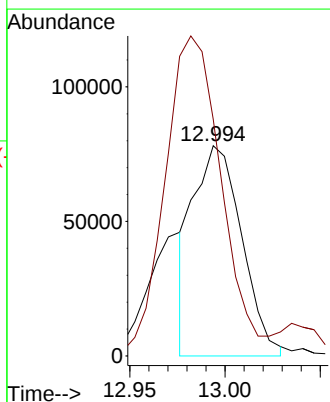
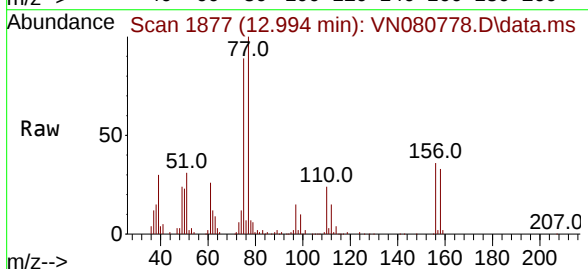
Manual Integrations
APPROVED

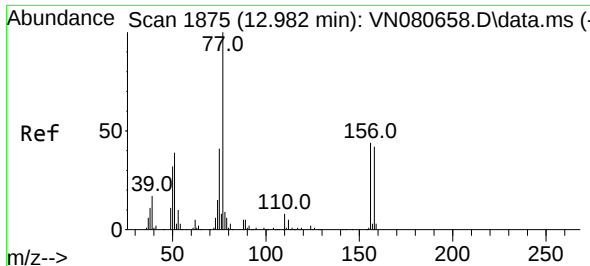
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#76
1,2,3-Trichloropropane
Concen: 55.019 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 75 Resp: 138257
Ion Ratio Lower Upper
75 100
77 177.2 84.5 253.5





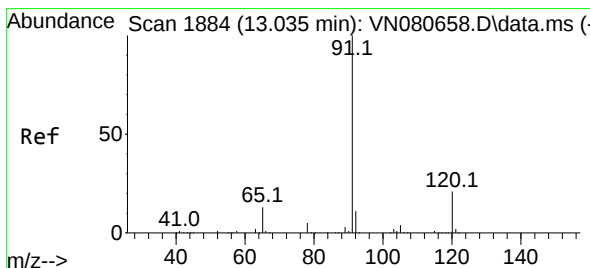
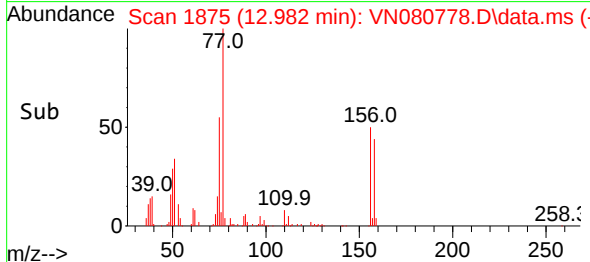
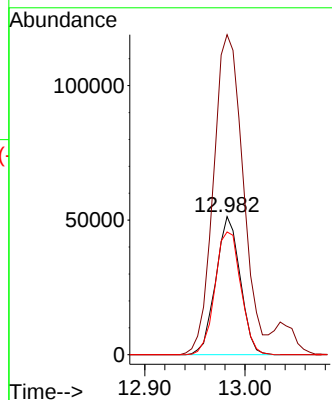
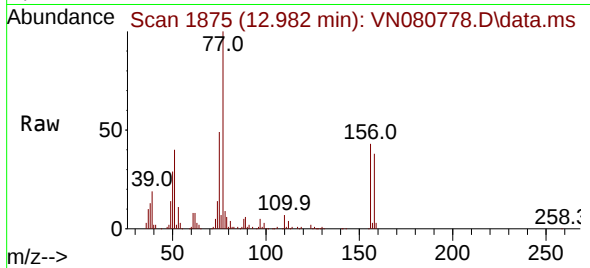
#77
Bromobenzene
Concen: 52.690 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 86725
Ion Ratio Lower Upper
156 100
77 282.5 107.7 323.3
158 94.4 48.4 145.3

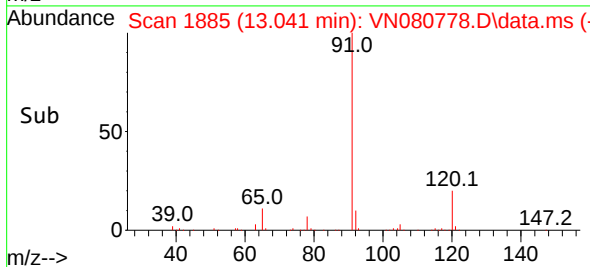
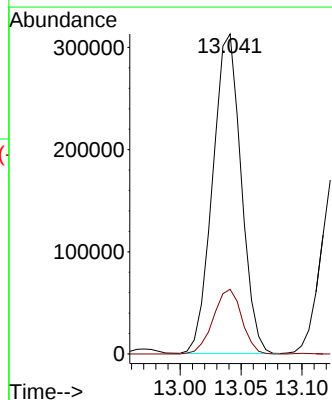
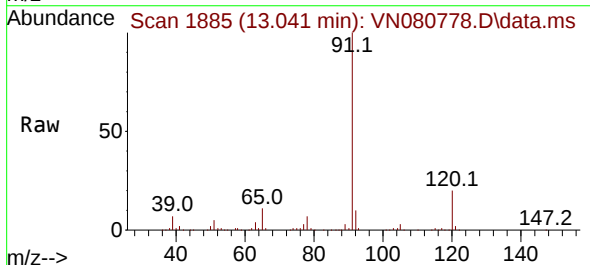
Manual Integrations
APPROVED

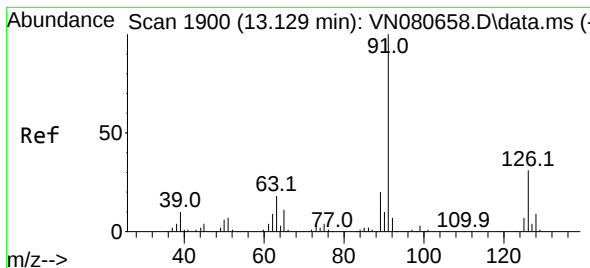
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#78
n-propylbenzene
Concen: 53.556 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 91 Resp: 509124
Ion Ratio Lower Upper
91 100
120 20.2 11.5 34.4





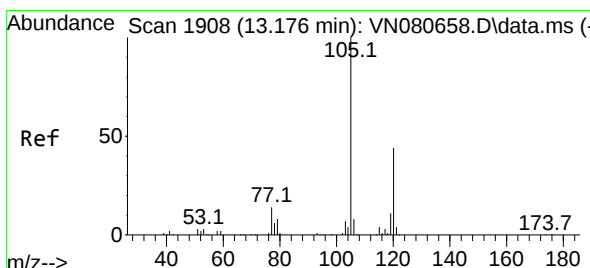
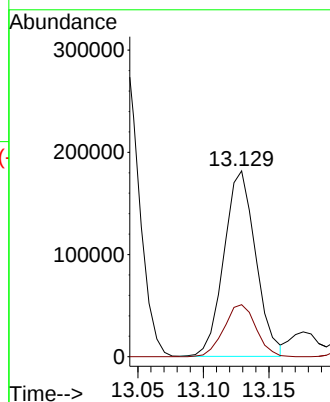
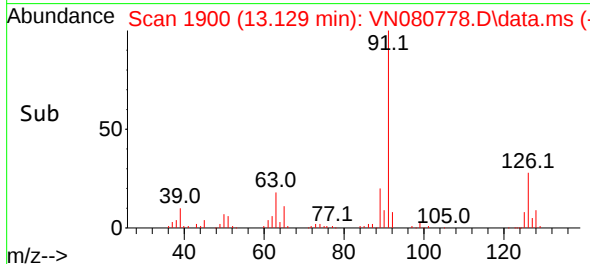
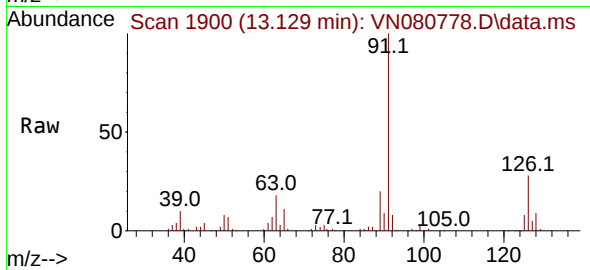
#79
2-Chlorotoluene
Concen: 50.197 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 305814
Ion Ratio Lower Upper
91 100
126 28.3 16.3 48.8

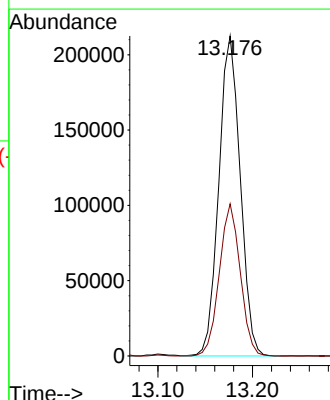
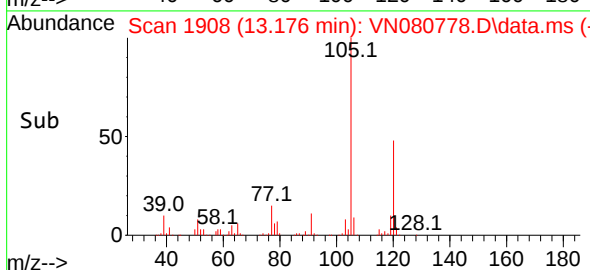
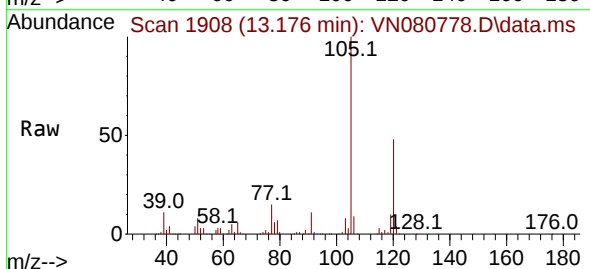
Manual Integrations
APPROVED

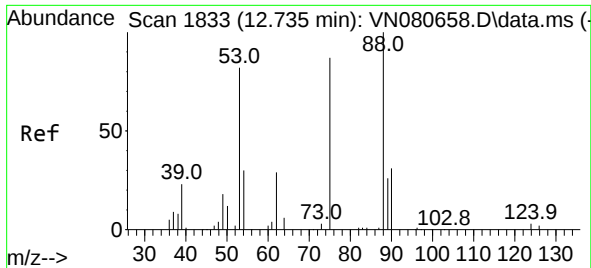
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.694 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion:105 Resp: 333853
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





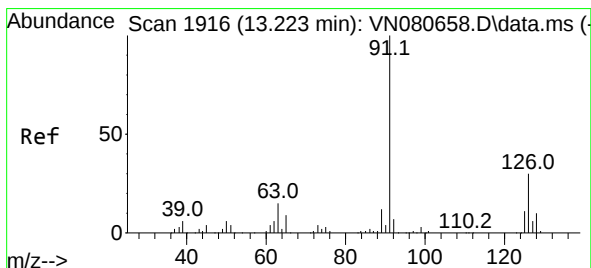
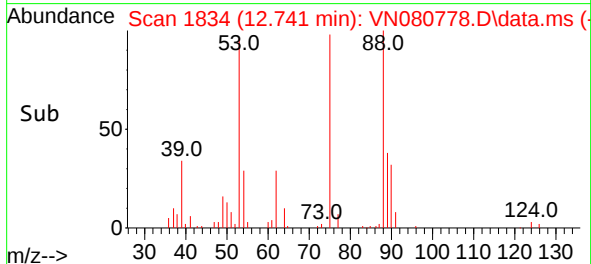
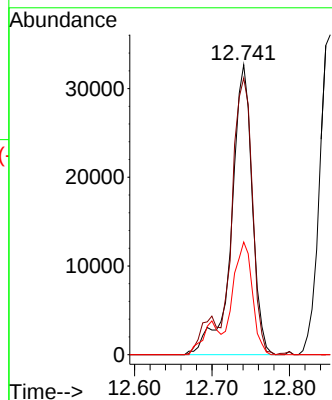
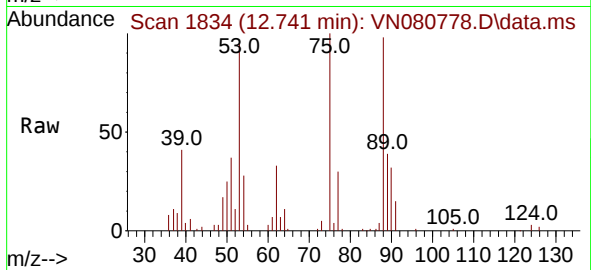
#81
trans-1,4-Dichloro-2-butene
Concen: 57.184 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 60950
Ion Ratio Lower Upper
75 100
53 89.9 67.4 101.2
89 36.1 38.8 58.2

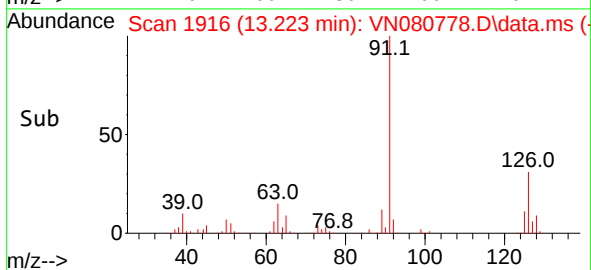
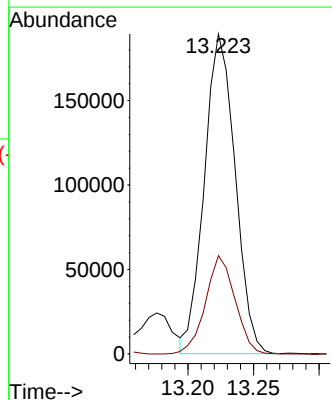
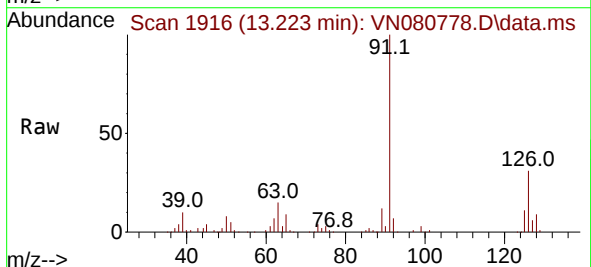
Manual Integrations
APPROVED

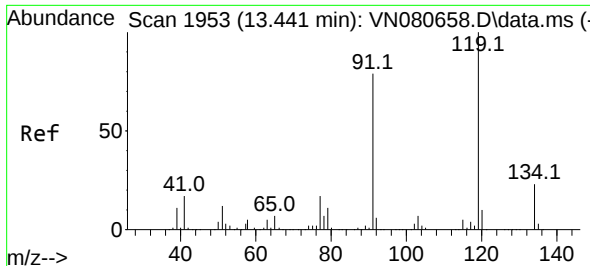
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#82
4-Chlorotoluene
Concen: 51.818 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion: 91 Resp: 309482
Ion Ratio Lower Upper
91 100
126 29.5 16.7 50.0





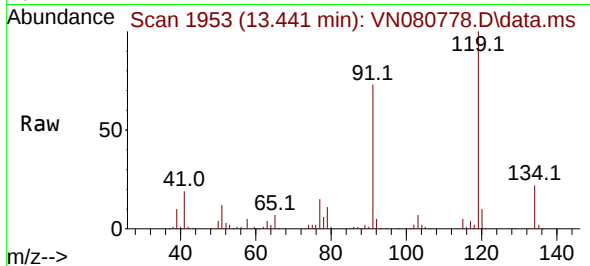
#83
tert-Butylbenzene
Concen: 51.562 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



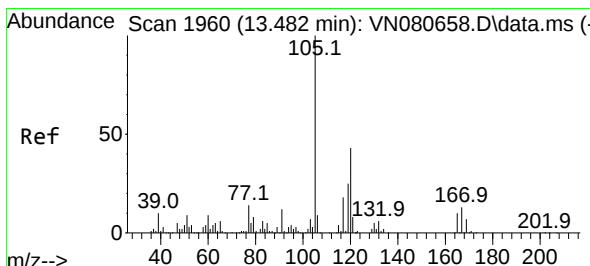
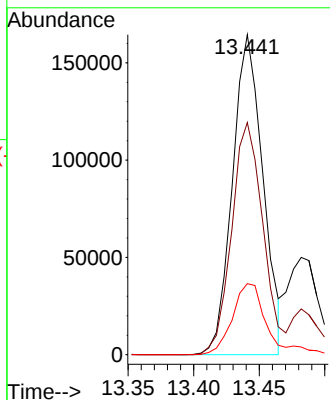
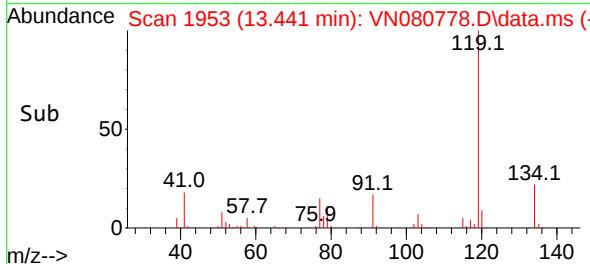
Tgt Ion:119 Resp: 266215
Ion Ratio Lower Upper
119 100
91 74.9 33.9 101.7
134 25.2 13.2 39.6

Manual Integrations

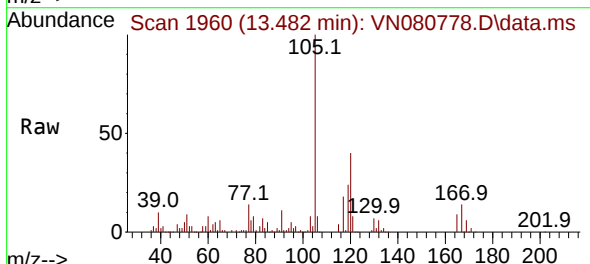
APPROVED

Reviewed By :John Carlone 01/29/2024

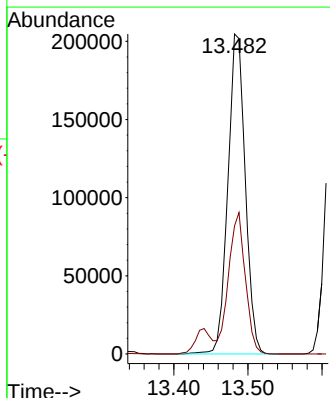
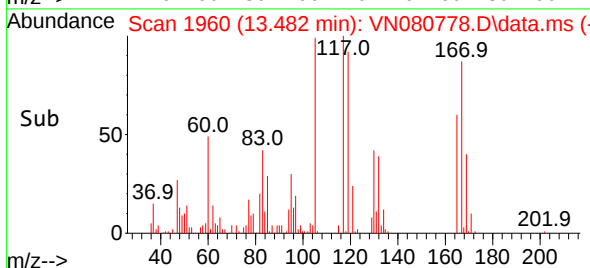
Supervised By :Mahesh Dadoda 01/29/2024

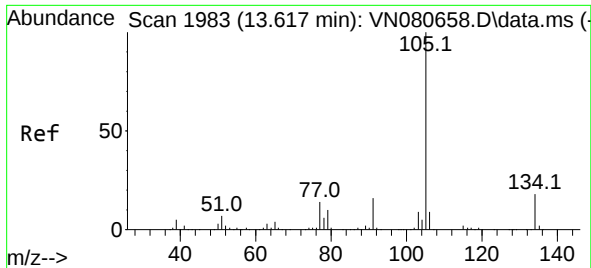


#84
1,2,4-Trimethylbenzene
Concen: 52.474 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



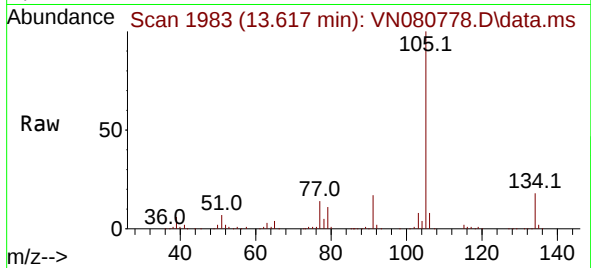
Tgt Ion:105 Resp: 333234
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 53.873 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080778.D
 Acq: 26 Jan 2024 19:00

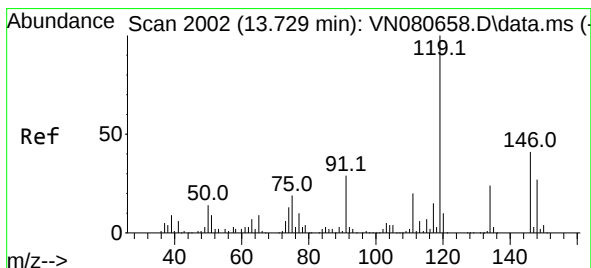
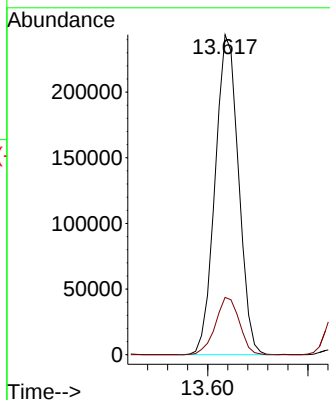
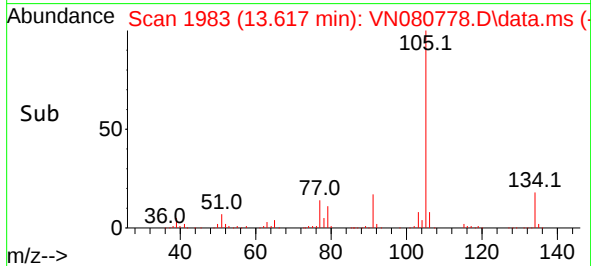
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



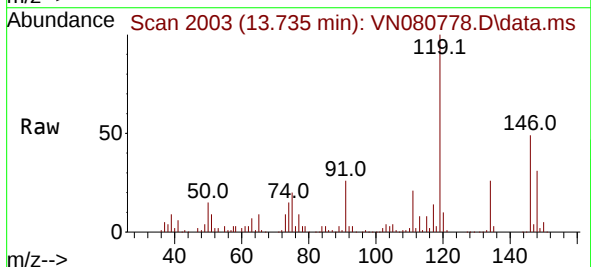
Tgt Ion:105 Resp: 39520
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.3

Manual Integrations
 APPROVED

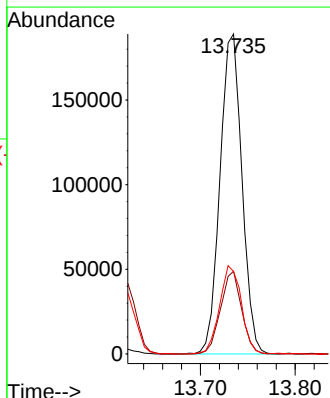
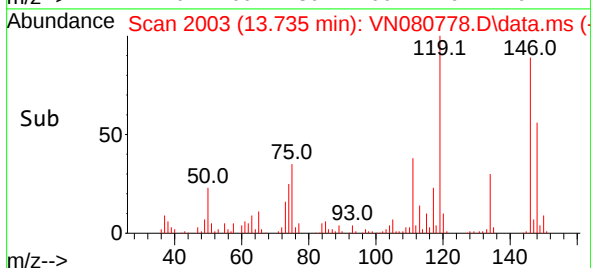
Reviewed By :John Carlone 01/29/2024
 Supervised By :Mahesh Dadoda 01/29/2024

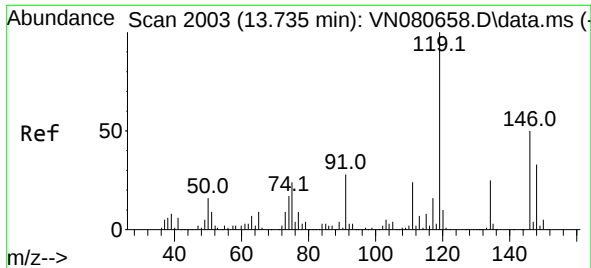


#86
 p-Isopropyltoluene
 Concen: 52.501 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080778.D
 Acq: 26 Jan 2024 19:00



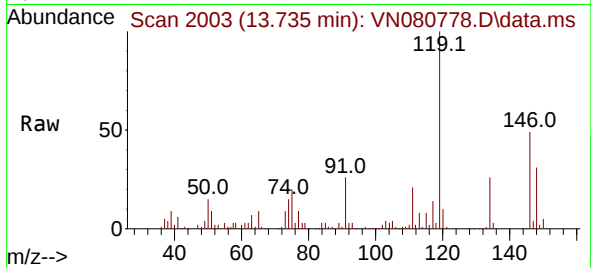
Tgt Ion:119 Resp: 304175
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 27.4 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 53.155 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

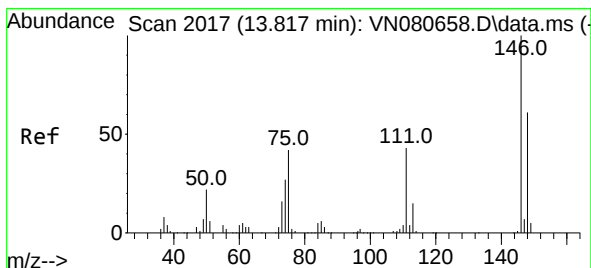
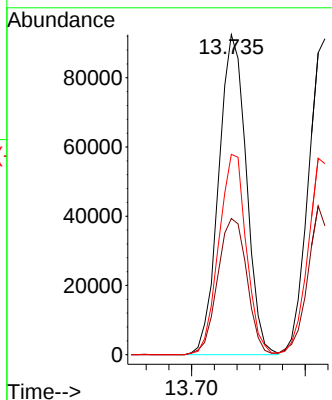
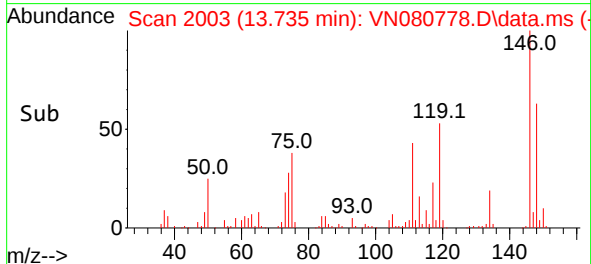
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



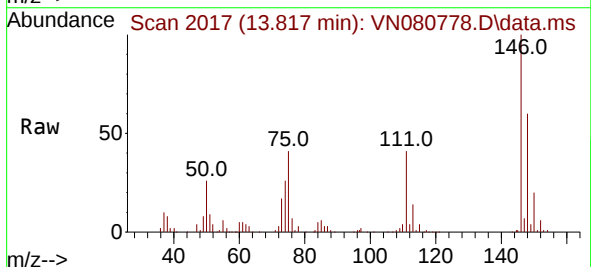
Tgt Ion:146 Resp: 156269
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.3
148 62.3 32.0 96.0

Manual Integrations
APPROVED

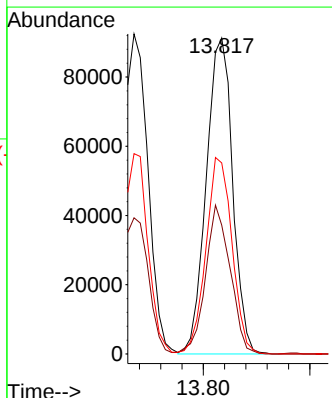
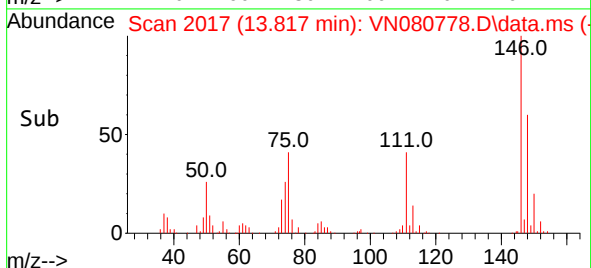
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

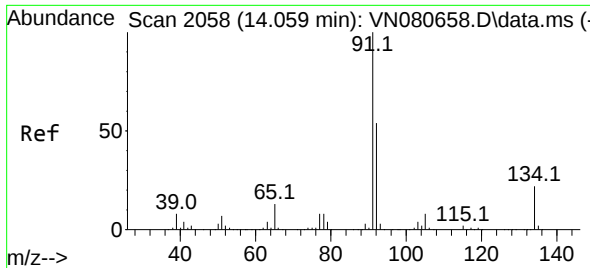


#88
1,4-Dichlorobenzene
Concen: 52.383 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



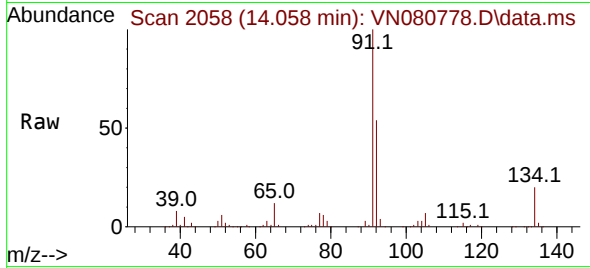
Tgt Ion:146 Resp: 156887
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.8
148 61.5 31.6 94.8





#89
n-Butylbenzene
Concen: 51.364 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

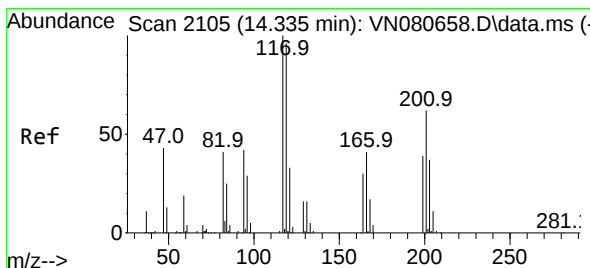
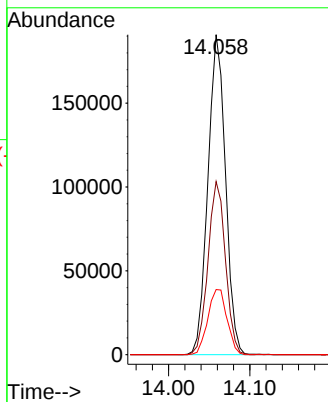
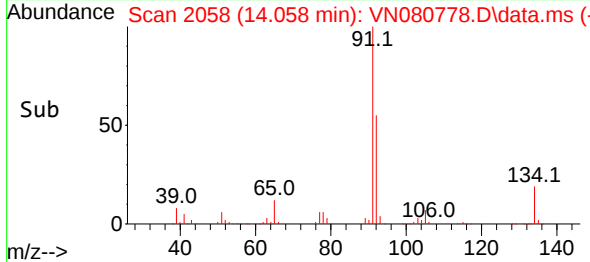
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



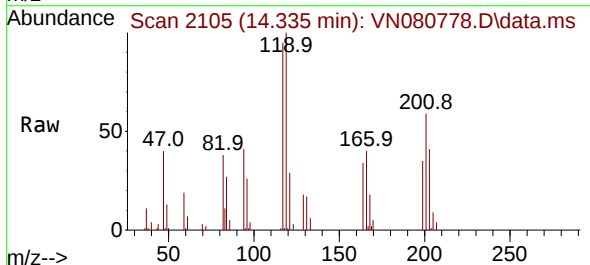
Tgt Ion: 91 Resp: 286838
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 22.2 12.6 37.6

Manual Integrations
APPROVED

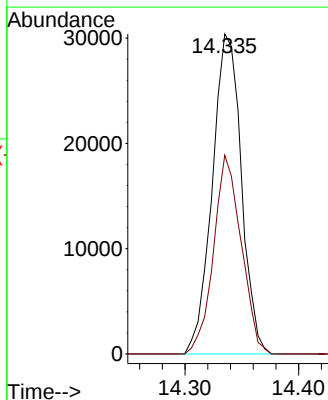
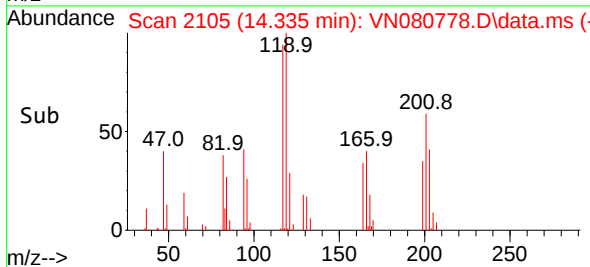
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024

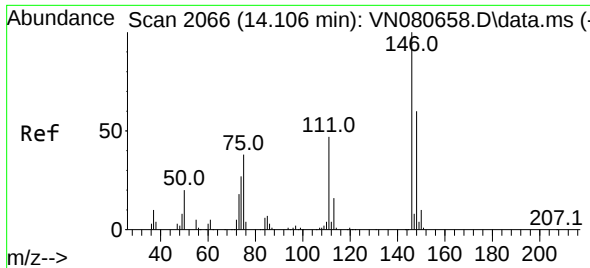


#90
Hexachloroethane
Concen: 50.247 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00



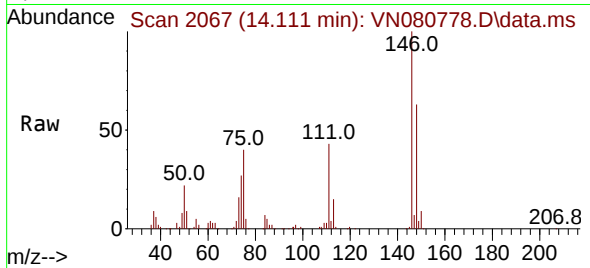
Tgt Ion:117 Resp: 53988
Ion Ratio Lower Upper
117 100
201 59.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 54.279 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.005 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

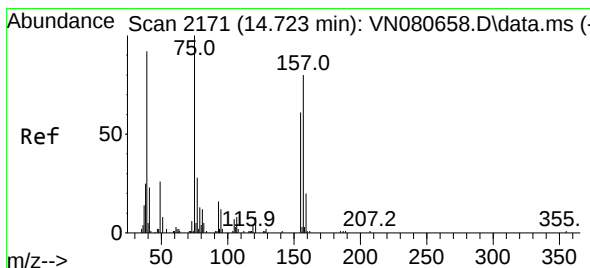
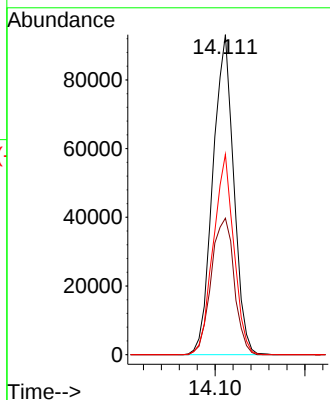
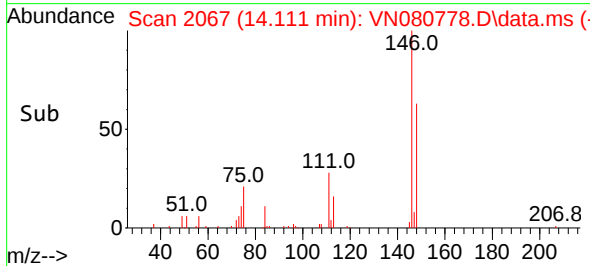
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 150368
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 61.7 31.8 95.3

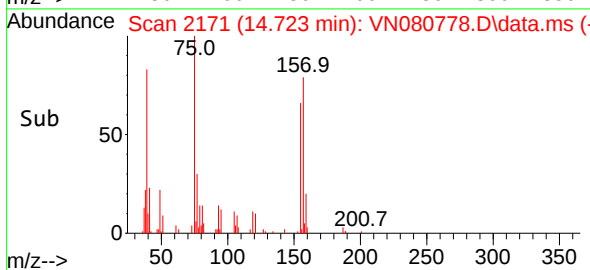
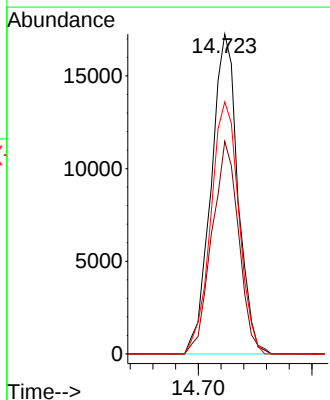
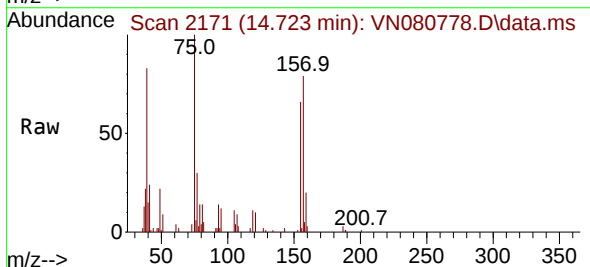
Manual Integrations
APPROVED

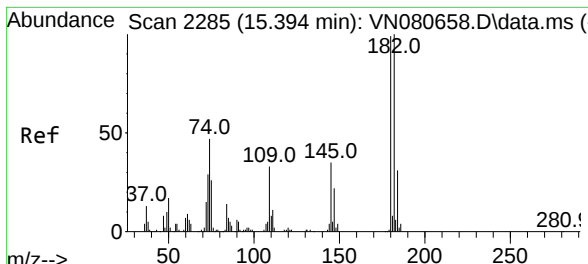
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.497 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

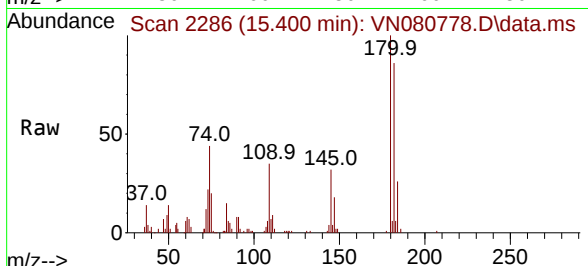
Tgt Ion: 75 Resp: 28223
Ion Ratio Lower Upper
75 100
155 66.6 39.1 117.2
157 82.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 50.555 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

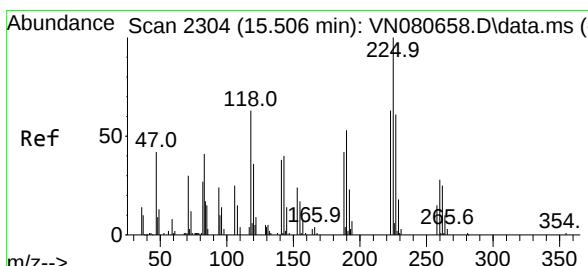
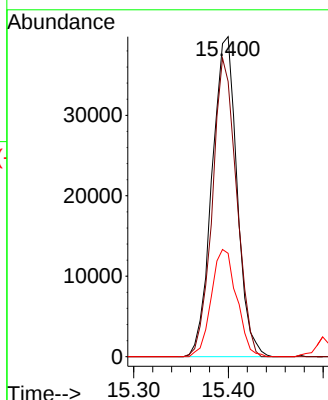
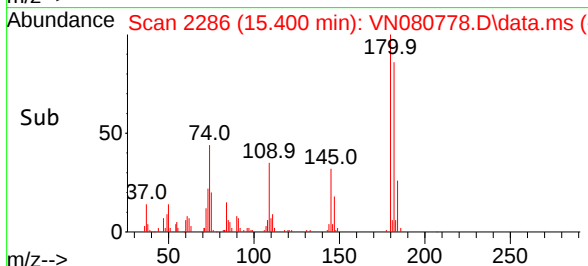
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 72940
Ion Ratio Lower Upper
180 100
182 89.8 46.1 138.2
145 33.9 16.6 49.8

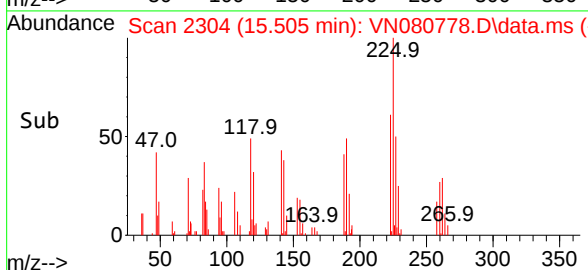
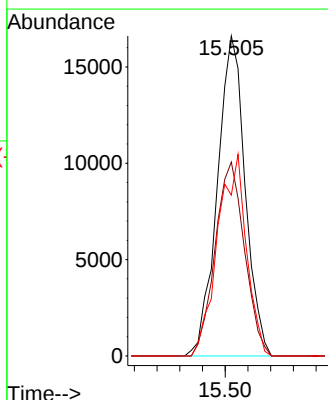
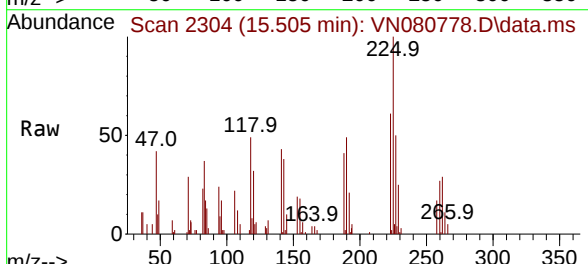
Manual Integrations
APPROVED

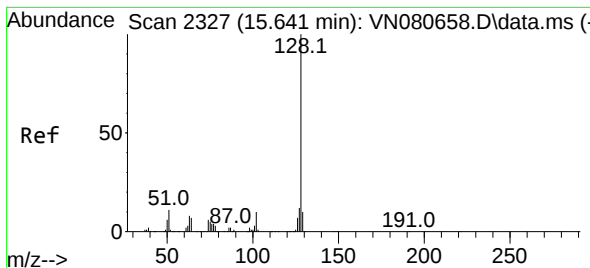
Reviewed By :John Carlone 01/29/2024
Supervised By :Mahesh Dadoda 01/29/2024



#94
Hexachlorobutadiene
Concen: 40.884 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN080778.D
Acq: 26 Jan 2024 19:00

Tgt Ion:225 Resp: 28308
Ion Ratio Lower Upper
225 100
223 63.9 31.3 93.8
227 64.6 31.9 95.9





#95

Naphthalene

Concen: 50.632 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 287498

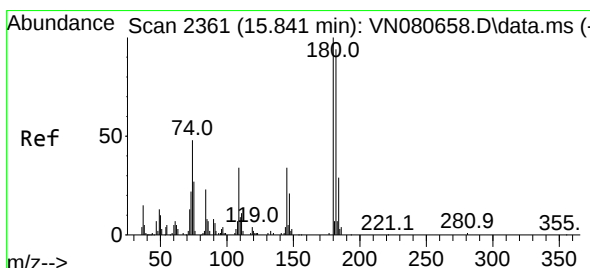
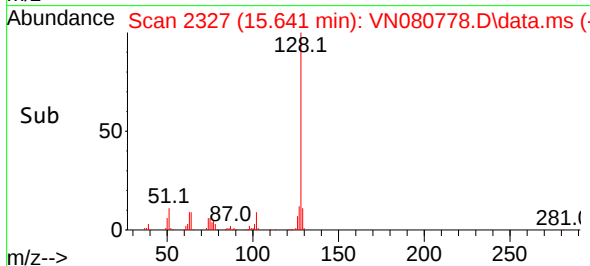
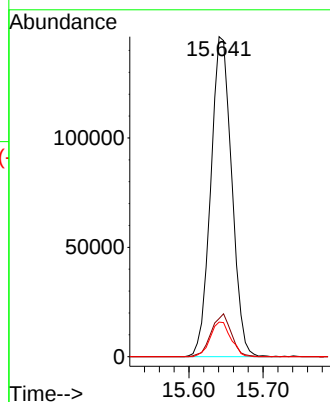
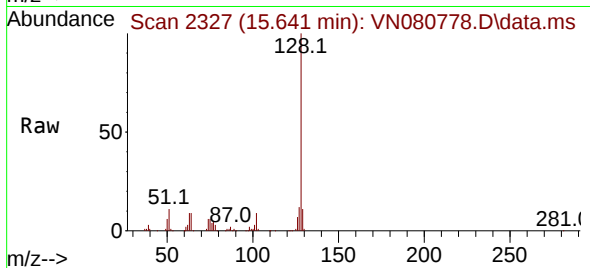
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.0	15.0
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2024

Supervised By :Mahesh Dadoda 01/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.229 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080778.D

Acq: 26 Jan 2024 19:00

Tgt Ion:180 Resp: 67354

Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.2	138.6
145	37.6	17.5	52.6

