

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060923\
 Data File : VN078155.D
 Acq On : 09 Jun 2023 18:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2023
 Supervised By : Mahesh Dadoda 06/12/2023

Quant Time: Jun 09 23:13:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	393772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	709022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	628608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	258577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	258796	49.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.580%
35) Dibromofluoromethane	8.171	113	216622	48.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	10.571	98	801399	46.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.853	95	254527	47.374	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	204240	45.885	ug/l	96
3) Chloromethane	2.371	50	231319	55.438	ug/l	97
4) Vinyl Chloride	2.518	62	296068	50.796	ug/l	96
5) Bromomethane	2.948	94	219960	49.935	ug/l	99
6) Chloroethane	3.124	64	209312	52.679	ug/l	100
7) Trichlorofluoromethane	3.501	101	383537	48.524	ug/l	98
8) Diethyl Ether	3.965	74	136014	48.975	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	201885	48.398	ug/l	97
10) Methyl Iodide	4.601	142	293552	49.762	ug/l	100
11) Tert butyl alcohol	5.542	59	188726	260.333	ug/l	97
12) 1,1-Dichloroethene	4.348	96	207178	48.181	ug/l	92
13) Acrolein	4.189	56	195122	244.214	ug/l	96
14) Allyl chloride	5.030	41	266069	50.689	ug/l	94
15) Acrylonitrile	5.730	53	518506	277.422	ug/l	100
16) Acetone	4.442	43	396794	262.569	ug/l	97
17) Carbon Disulfide	4.718	76	514424	46.479	ug/l	99
18) Methyl Acetate	5.036	43	371355	53.375	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	706663	51.508	ug/l	99
20) Methylene Chloride	5.289	84	241756	48.411	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	223981	48.295	ug/l	86
22) Diisopropyl ether	6.689	45	663331	53.724	ug/l	93
23) Vinyl Acetate	6.612	43	2014164	274.427	ug/l #	91
24) 1,1-Dichloroethane	6.583	63	427133	52.441	ug/l	96
25) 2-Butanone	7.494	43	648701	279.144	ug/l	89
26) 2,2-Dichloropropane	7.500	77	298799	49.684	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	271691	49.112	ug/l	94
28) Bromochloromethane	7.824	49	186762	49.941	ug/l	89
29) Tetrahydrofuran	7.847	42	435049	280.038	ug/l	86
30) Chloroform	7.971	83	470977	53.699	ug/l	92
31) Cyclohexane	8.265	56	342808	50.901	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	398485	51.751	ug/l	94
36) 1,1-Dichloropropene	8.377	75	329900	51.303	ug/l	97
37) Ethyl Acetate	7.571	43	276933	55.128	ug/l #	94
38) Carbon Tetrachloride	8.371	117	359707	52.977	ug/l	98
39) Methylcyclohexane	9.606	83	340645	51.117	ug/l	92
40) Benzene	8.612	78	998666	52.021	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	146395	53.765	ug/l	94
42) 1,2-Dichloroethane	8.677	62	349066	53.031	ug/l	97
43) Isopropyl Acetate	8.694	43	480297	49.994	ug/l	94
44) Trichloroethene	9.359	130	253830	50.067	ug/l	98
45) 1,2-Dichloropropane	9.624	63	254504	53.284	ug/l	98
46) Dibromomethane	9.718	93	183346	52.115	ug/l	96
47) Bromodichloromethane	9.894	83	366361	56.062	ug/l	97
48) Methyl methacrylate	9.688	41	223424	55.417	ug/l	88
49) 1,4-Dioxane	9.700	88	93493	1103.332	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1428691	282.406	ug/l	93
52) Toluene	10.635	92	615939	50.817	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	364719	53.589	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	398461	52.964	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	249813	54.483	ug/l	95
56) Ethyl methacrylate	10.882	69	364430	54.585	ug/l	91
57) 1,3-Dichloropropane	11.171	76	422525	54.593	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	752432	278.984	ug/l	92
59) 2-Hexanone	11.200	43	1006105	285.620	ug/l	92
60) Dibromochloromethane	11.365	129	268484	53.511	ug/l	99
61) 1,2-Dibromoethane	11.477	107	252066	52.385	ug/l	100
64) Tetrachloroethene	11.106	164	210133	50.107	ug/l	96
65) Chlorobenzene	11.900	112	652741	48.488	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	251805	50.856	ug/l	99
67) Ethyl Benzene	11.971	91	1186763	51.091	ug/l	98
68) m/p-Xylenes	12.076	106	902463	101.945	ug/l	98
69) o-Xylene	12.406	106	442179	50.865	ug/l	97
70) Styrene	12.418	104	706618	51.631	ug/l	98
71) Bromoform	12.582	173	172071	53.851	ug/l #	100
73) Isopropylbenzene	12.700	105	1107336	45.286	ug/l	99
74) N-amyl acetate	12.500	43	372905	46.312	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	340954	50.733	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	239326m	39.151	ug/l	
77) Bromobenzene	12.988	156	248151	43.718	ug/l	100
78) n-propylbenzene	13.041	91	1257687	47.341	ug/l	99
79) 2-Chlorotoluene	13.129	91	775349	45.214	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	894593	45.189	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	95747	48.122	ug/l	92
82) 4-Chlorotoluene	13.229	91	727355	45.446	ug/l	98
83) tert-Butylbenzene	13.447	119	781522	45.415	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	891412	46.444	ug/l	100
85) sec-Butylbenzene	13.623	105	1010563	44.867	ug/l	98
86) p-Isopropyltoluene	13.735	119	841990	46.066	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	424947	44.259	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	411623	44.429	ug/l	99
89) n-Butylbenzene	14.065	91	644272	44.689	ug/l	97
90) Hexachloroethane	14.341	117	153295	47.260	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	414010	44.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	58334	48.164	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	151389	45.281	ug/l	97
94) Hexachlorobutadiene	15.506	225	73473	44.540	ug/l	97
95) Naphthalene	15.647	128	456499	40.591	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	157702	42.175	ug/l	99

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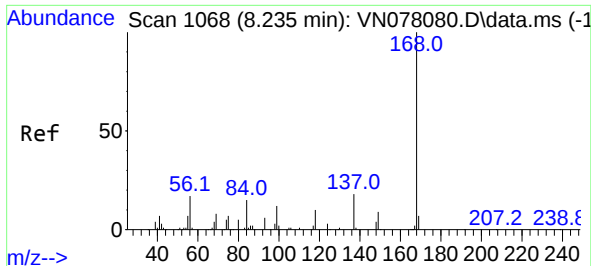
Manual Integrations
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



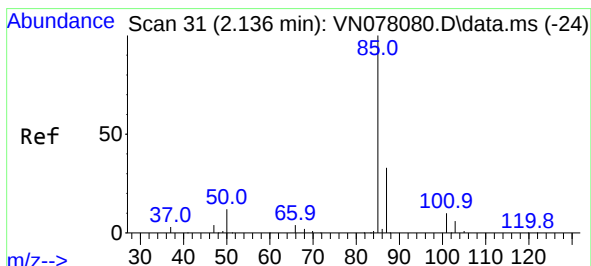
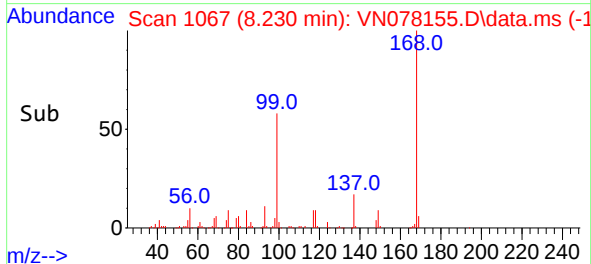
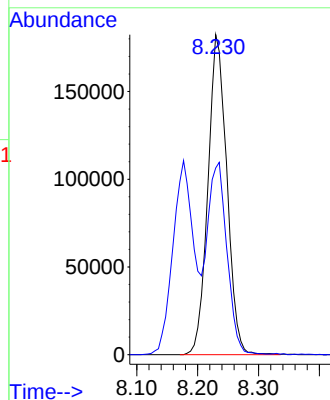
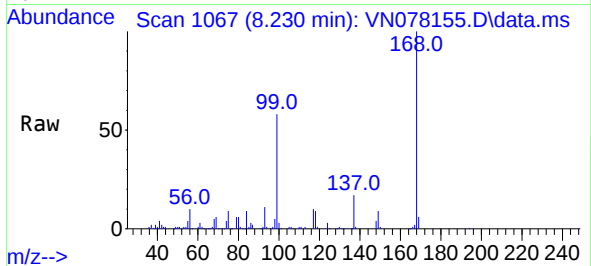
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 393772
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6

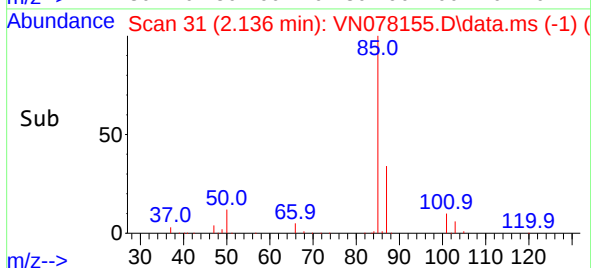
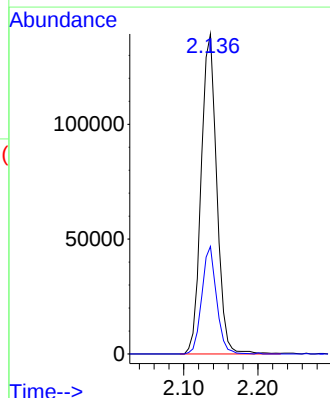
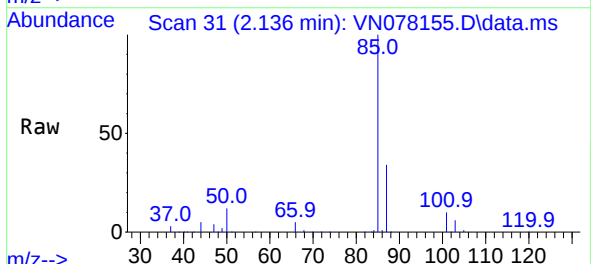
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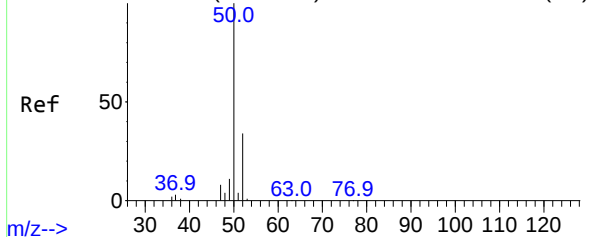


#2
Dichlorodifluoromethane
Concen: 45.885 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Tgt Ion: 85 Resp: 204240
Ion Ratio Lower Upper
85 100
87 33.6 15.8 47.4



Abundance Scan 71 (2.371 min): VN078080.D\data.ms (-64)



#3

Chloromethane

Concen: 55.438 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078155.D

Acq: 09 Jun 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 231319

Ion Ratio Lower Upper

50 100

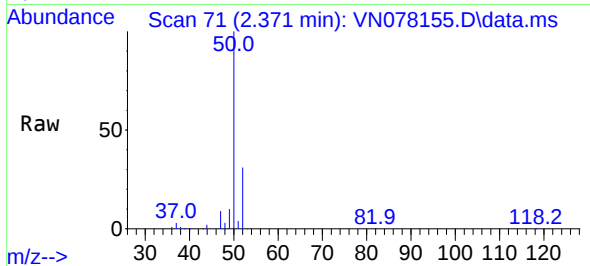
52 31.3 26.5 39.7

Manual Integrations

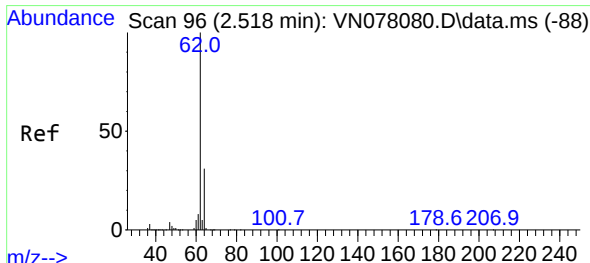
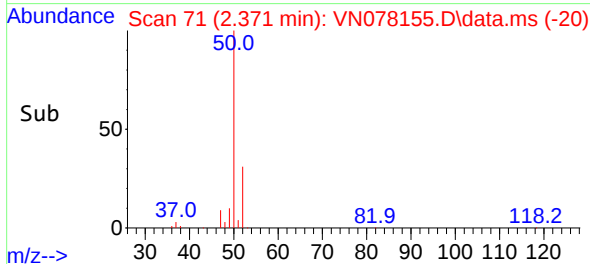
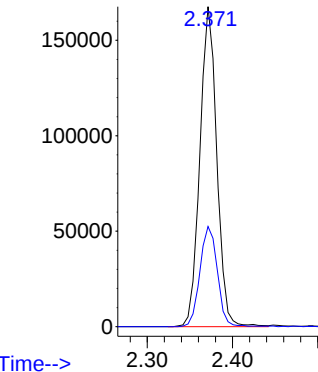
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Abundance



#4

Vinyl Chloride

Concen: 50.796 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078155.D

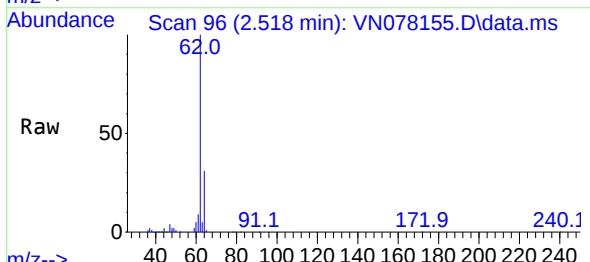
Acq: 09 Jun 2023 18:59

Tgt Ion: 62 Resp: 296068

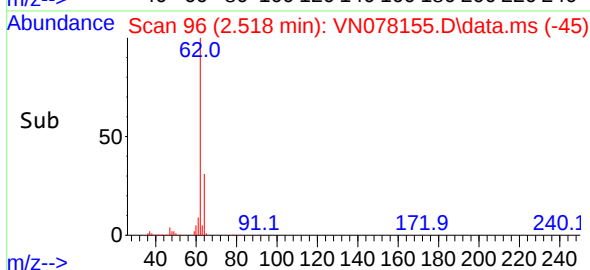
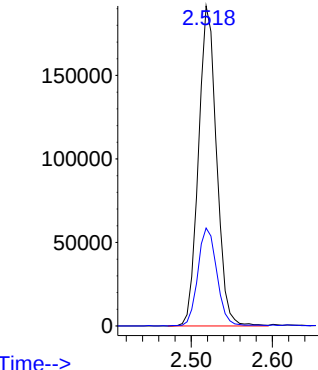
Ion Ratio Lower Upper

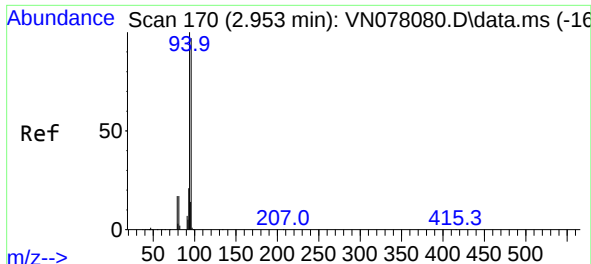
62 100

64 30.6 26.2 39.2



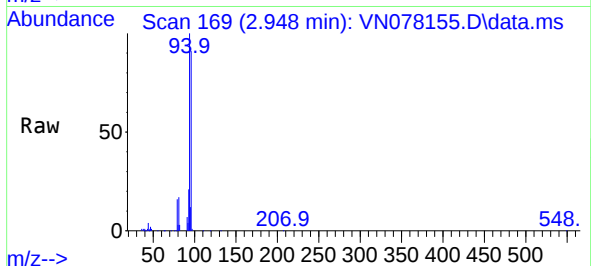
Abundance





#5
Bromomethane
Concen: 49.935 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

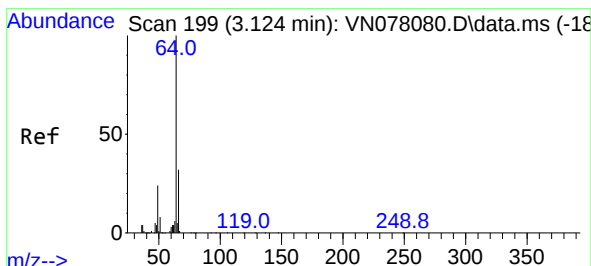
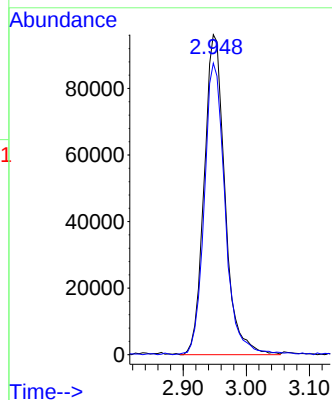
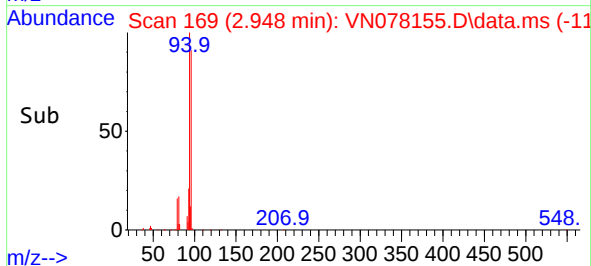
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Tgt Ion: 94 Resp: 219960
Ion Ratio Lower Upper
94 100
96 90.8 73.1 109.7

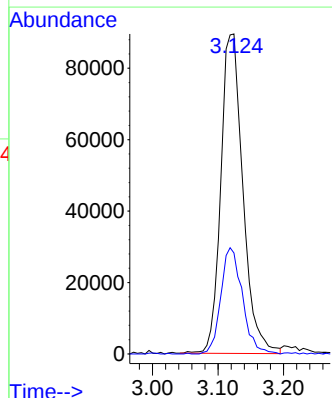
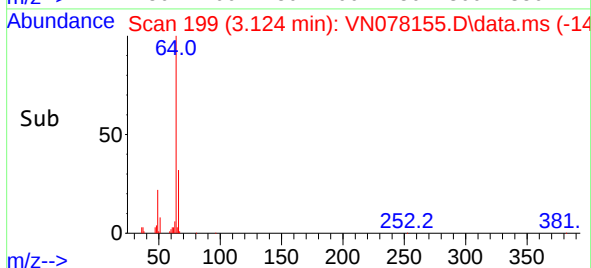
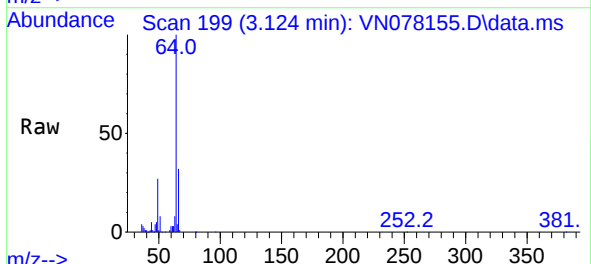
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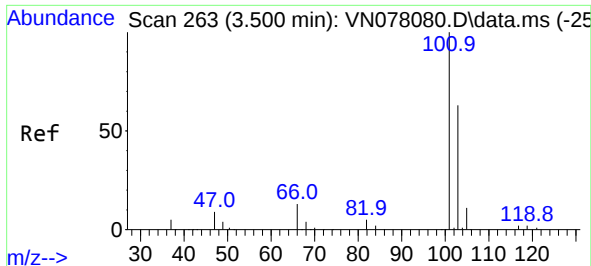
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#6
Chloroethane
Concen: 52.679 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Tgt Ion: 64 Resp: 209312
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.524 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078155.D
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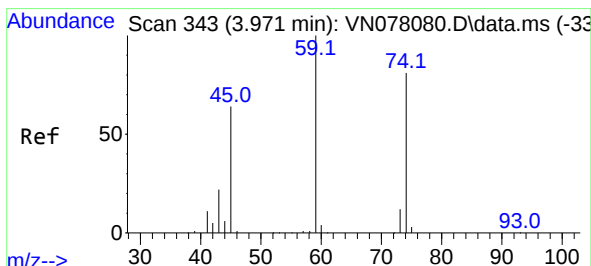
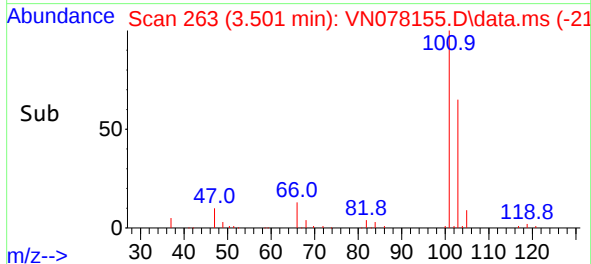
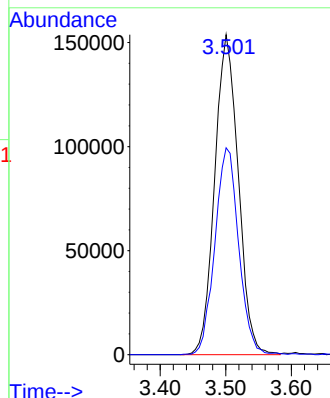
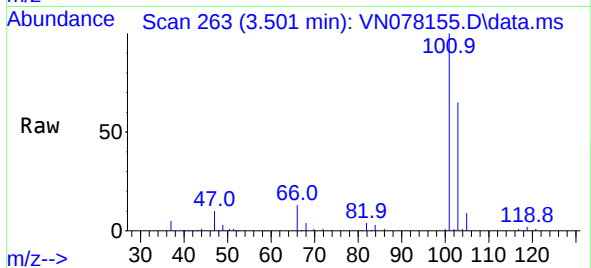
VSTDCCC050EC

Tgt Ion:101 Resp: 38353
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1

Manual Integrations

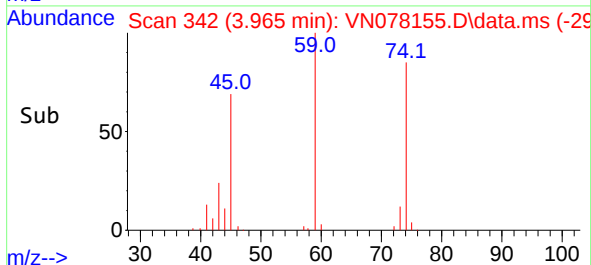
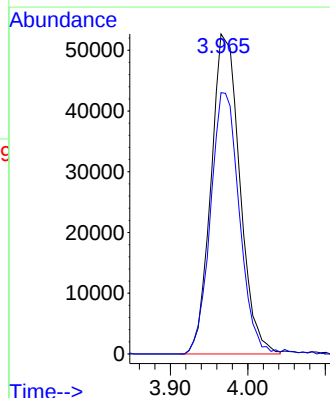
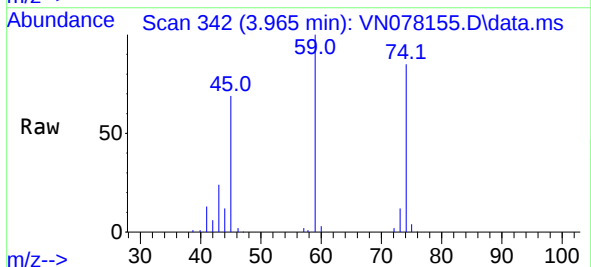
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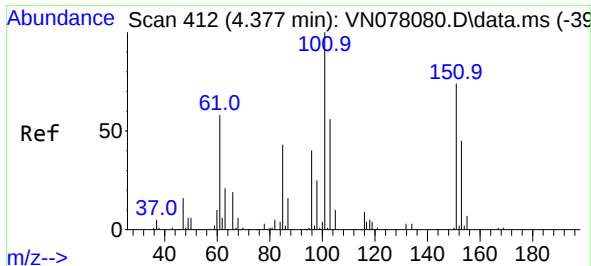
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#8
Diethyl Ether
Concen: 48.975 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Tgt Ion: 74 Resp: 136014
Ion Ratio Lower Upper
74 100
45 81.7 34.4 103.3





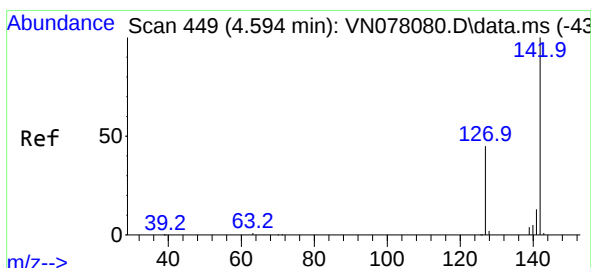
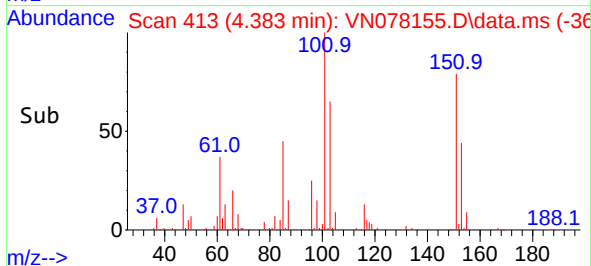
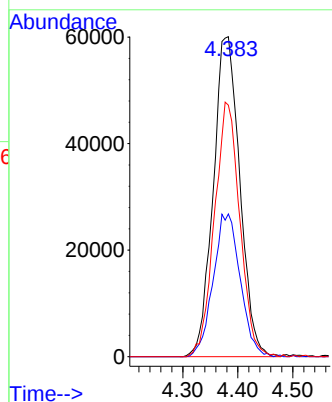
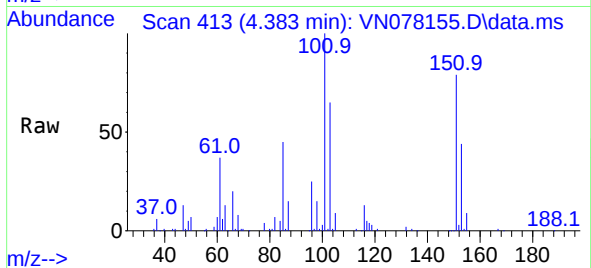
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.398 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20188
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 75.8 57.6 86.4

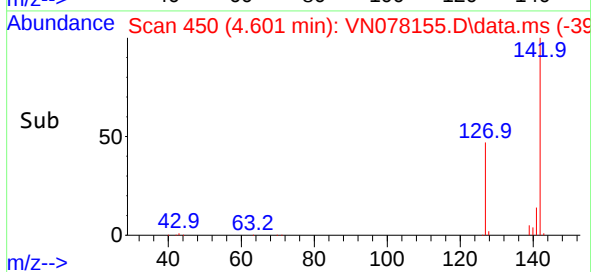
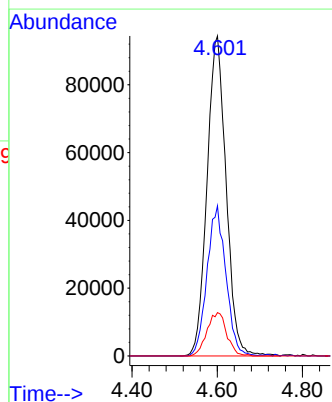
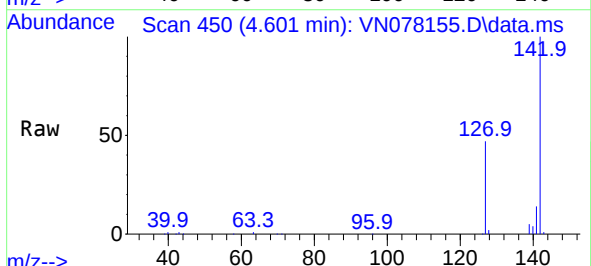
Manual Integrations
APPROVED

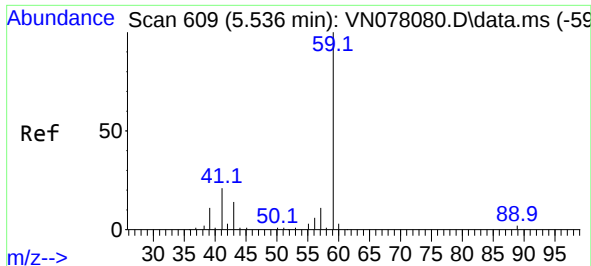
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#10
Methyl Iodide
Concen: 49.762 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

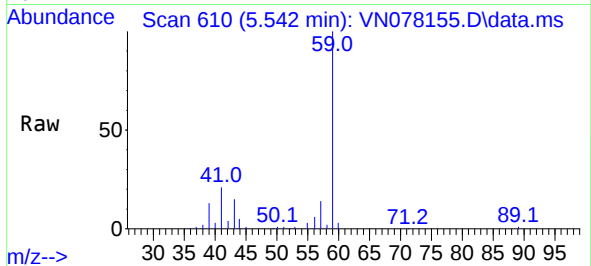
Tgt Ion:142 Resp: 293552
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 13.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 260.333 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

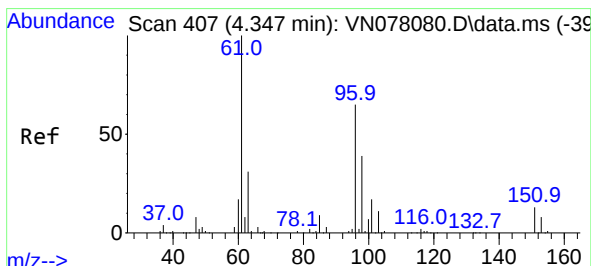
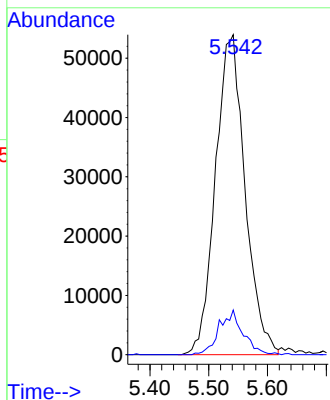
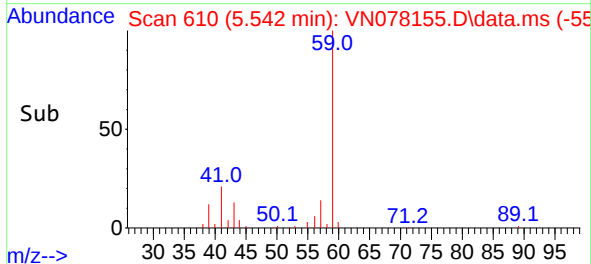
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



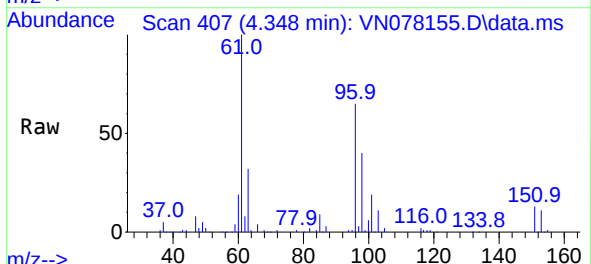
Tgt Ion: 59 Resp: 188720
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.4

Manual Integrations
APPROVED

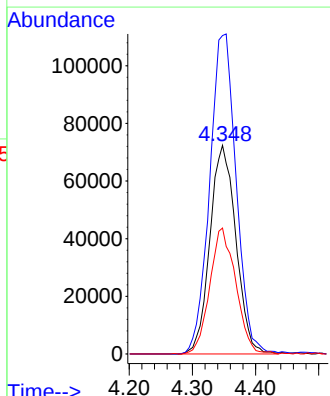
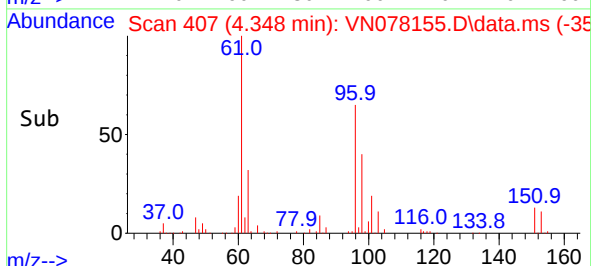
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

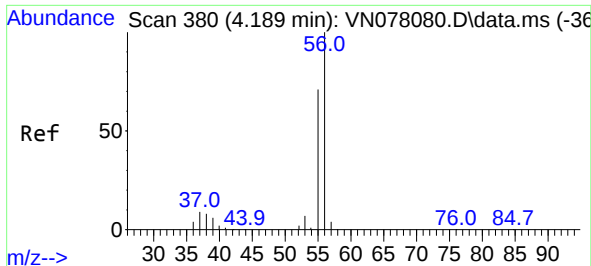


#12
1,1-Dichloroethene
Concen: 48.181 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



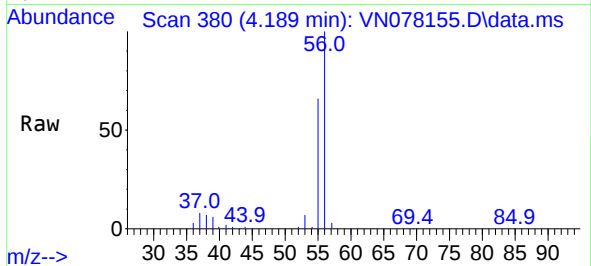
Tgt Ion: 96 Resp: 207178
Ion Ratio Lower Upper
96 100
61 152.7 112.7 169.1
98 60.3 51.2 76.8





#13
Acrolein
Concen: 244.214 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

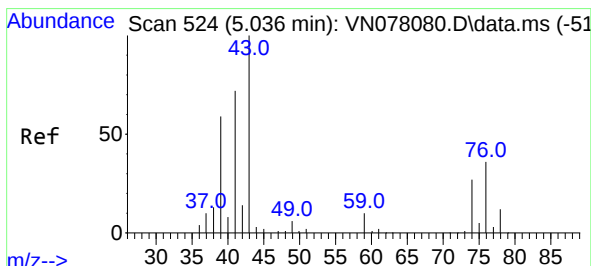
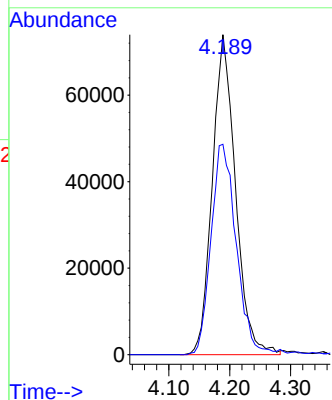
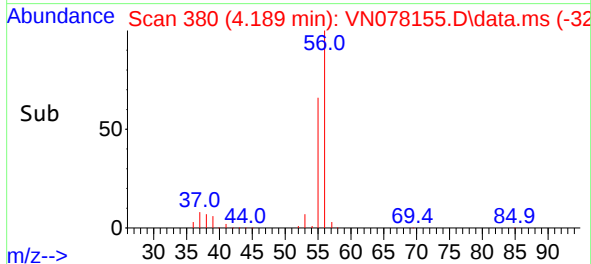
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



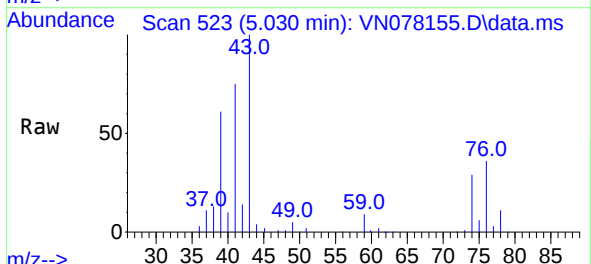
Tgt Ion: 56 Resp: 19512
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

Manual Integrations
APPROVED

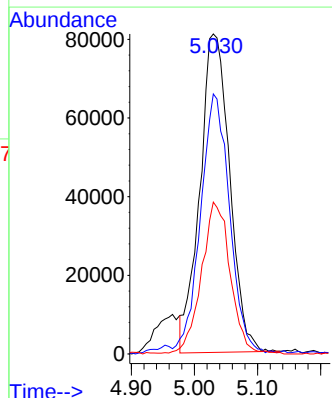
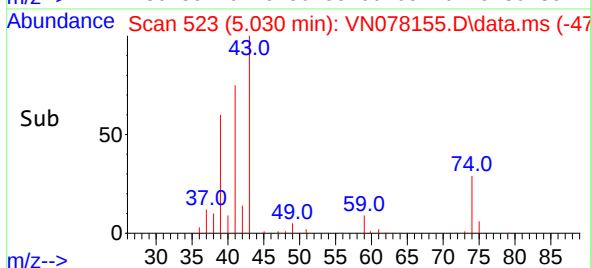
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

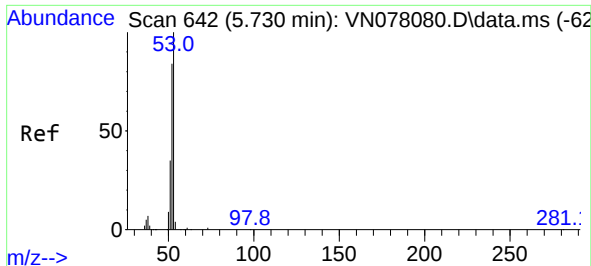


#14
Allyl chloride
Concen: 50.689 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



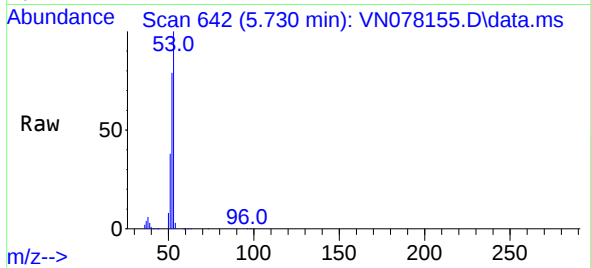
Tgt Ion: 41 Resp: 266069
Ion Ratio Lower Upper
41 100
39 79.0 58.8 88.2
76 46.1 39.1 58.7





#15
Acrylonitrile
Concen: 277.422 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

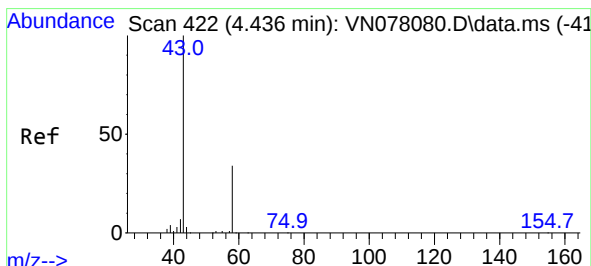
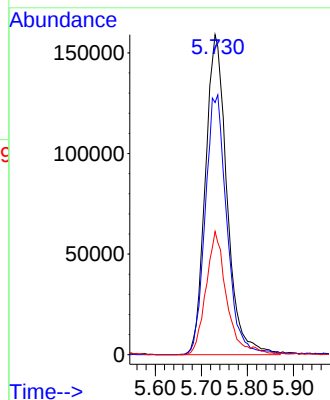
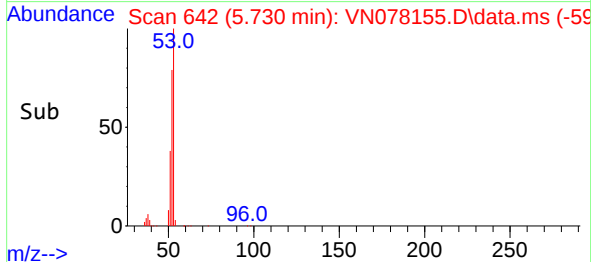
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



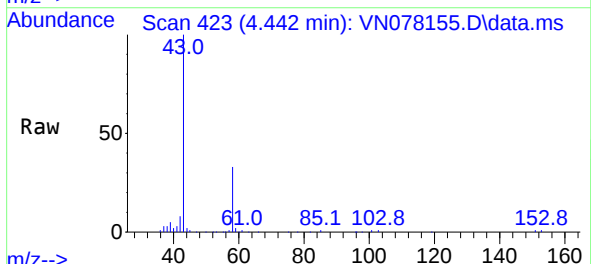
Tgt Ion: 53 Resp: 518500
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 37.0 28.9 43.3

Manual Integrations
APPROVED

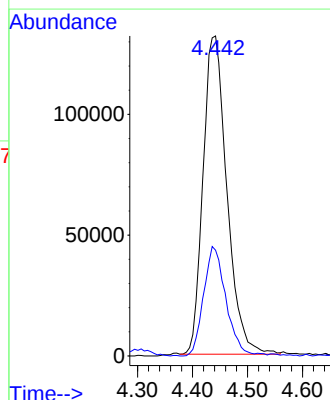
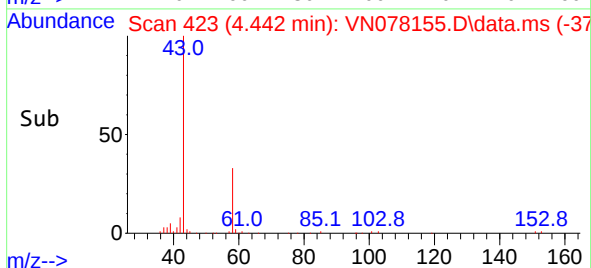
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

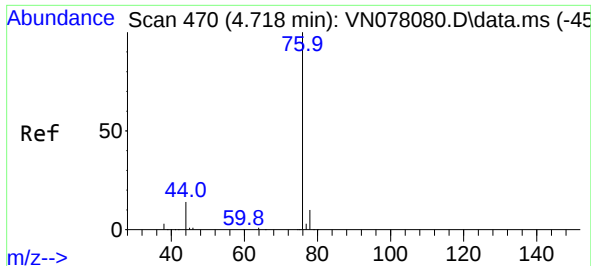


#16
Acetone
Concen: 262.569 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



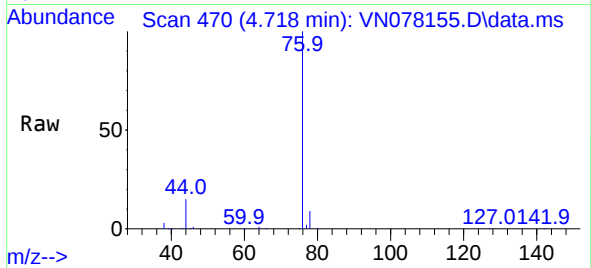
Tgt Ion: 43 Resp: 396794
Ion Ratio Lower Upper
43 100
58 33.2 28.0 42.0





#17
Carbon Disulfide
Concen: 46.479 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

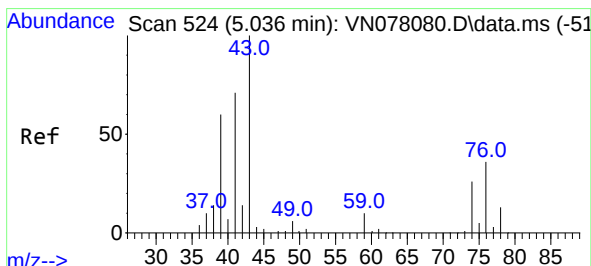
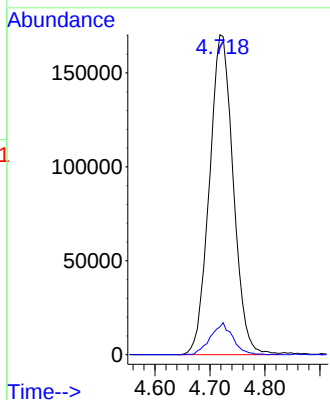
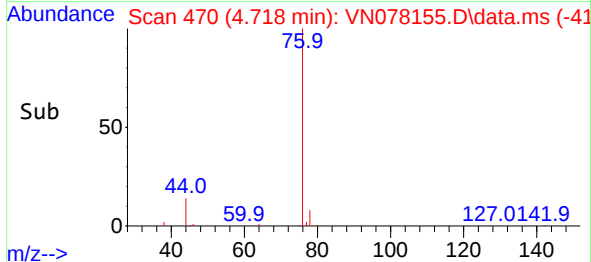
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



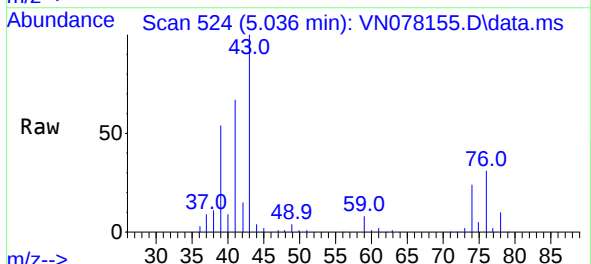
Tgt Ion: 76 Resp: 514424
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

Manual Integrations
APPROVED

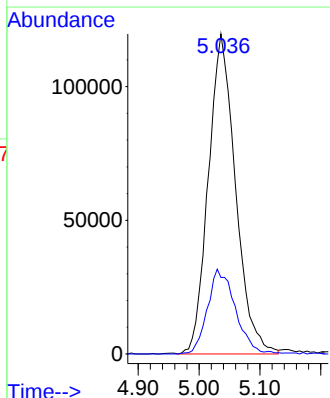
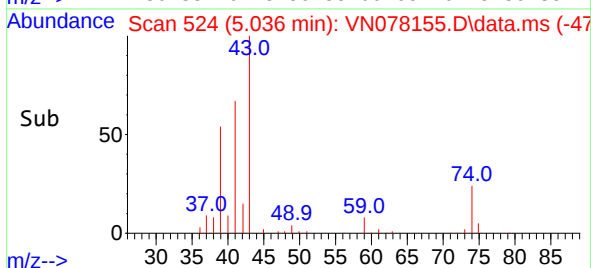
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

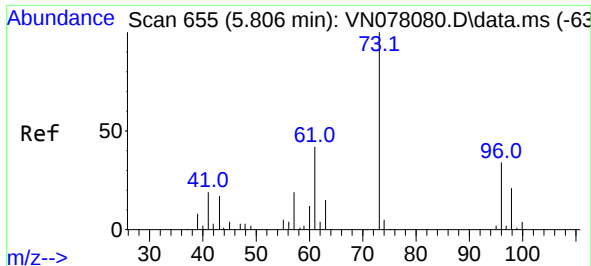


#18
Methyl Acetate
Concen: 53.375 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



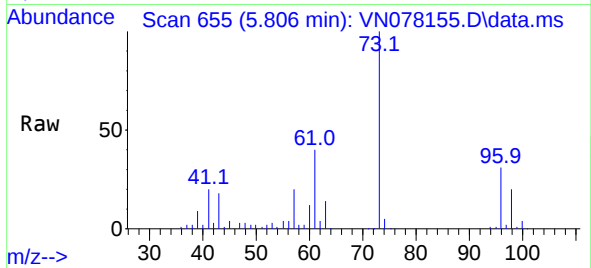
Tgt Ion: 43 Resp: 371355
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 51.508 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

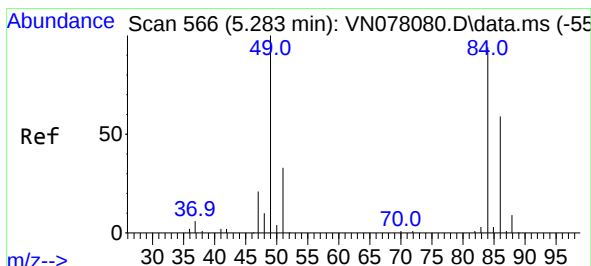
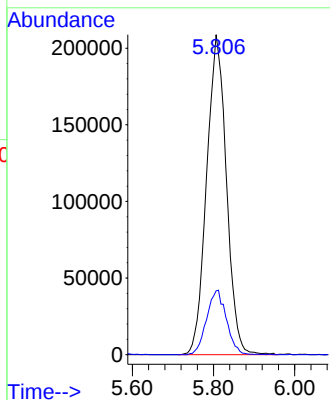
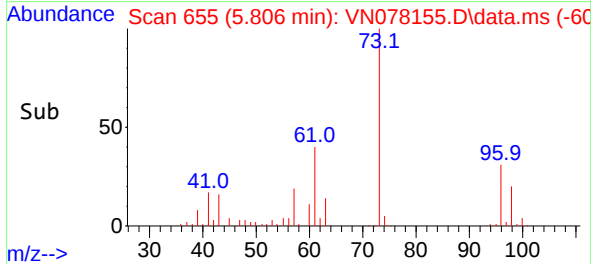
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



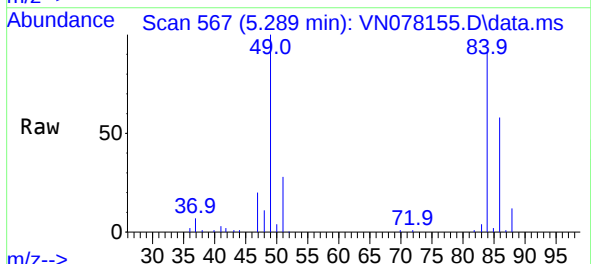
Tgt Ion: 73 Resp: 70666
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

Manual Integrations
APPROVED

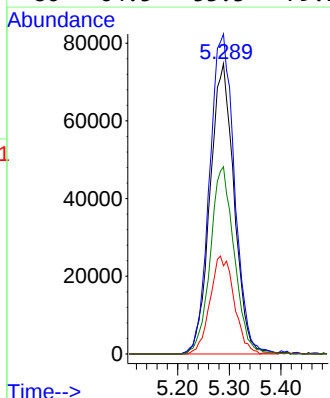
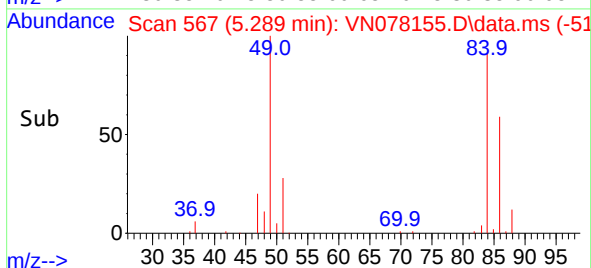
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

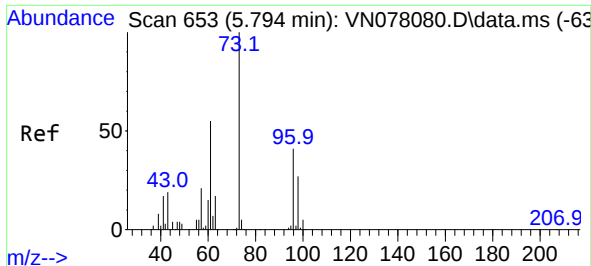


#20
Methylene Chloride
Concen: 48.411 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



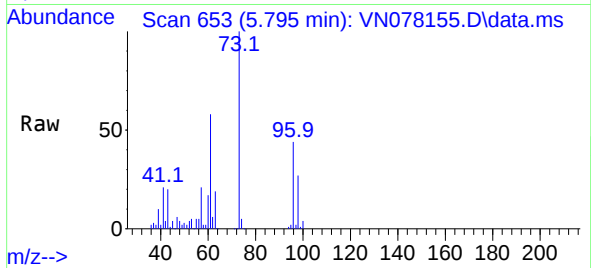
Tgt Ion: 84 Resp: 241756
Ion Ratio Lower Upper
84 100
49 110.3 79.7 119.5
51 30.4 25.2 37.8
86 64.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.295 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

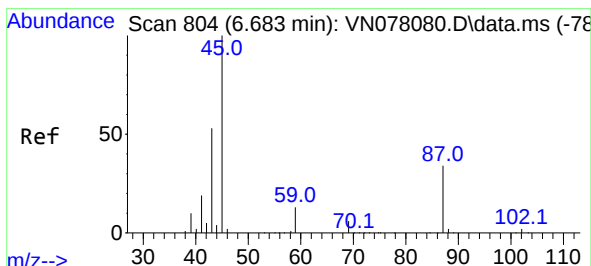
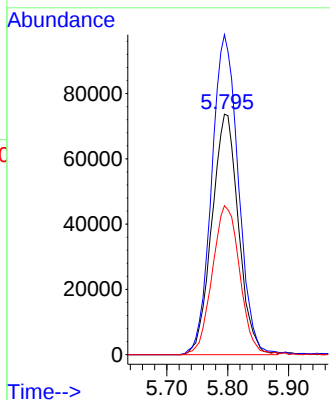
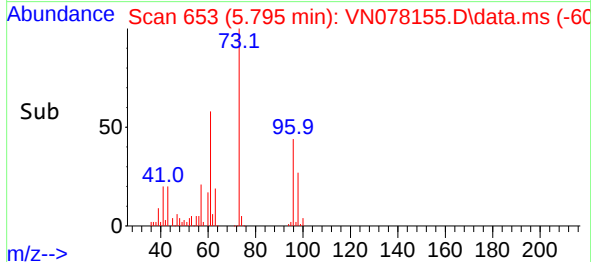
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



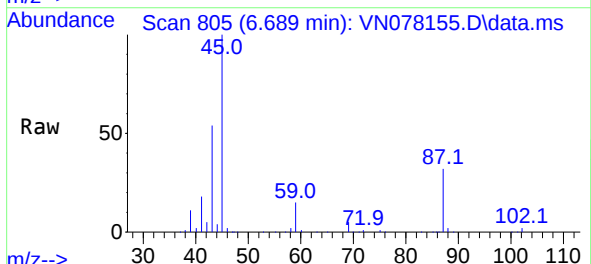
Tgt Ion: 96 Resp: 22398
Ion Ratio Lower Upper
96 100
61 133.0 90.1 135.1
98 62.0 46.4 69.6

Manual Integrations
APPROVED

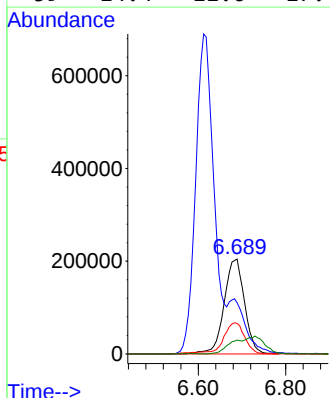
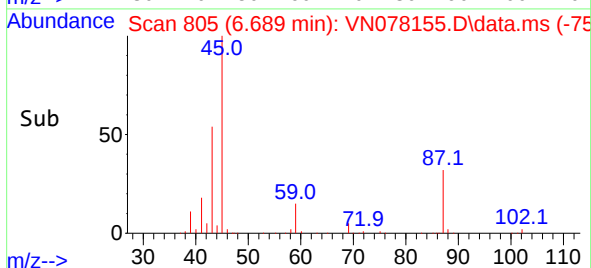
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

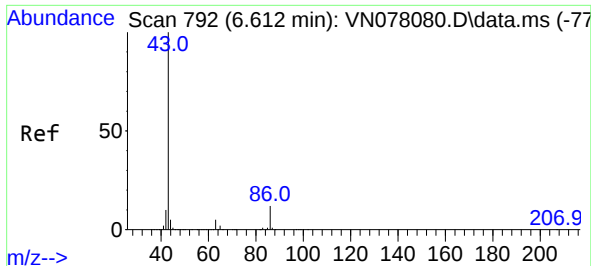


#22
Diisopropyl ether
Concen: 53.724 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



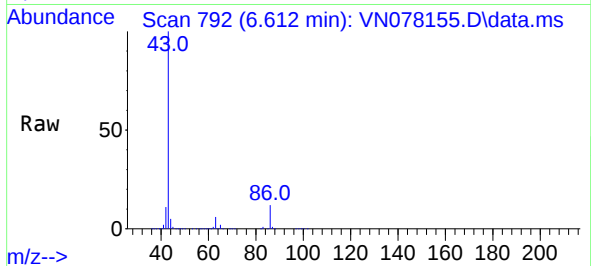
Tgt Ion: 45 Resp: 663331
Ion Ratio Lower Upper
45 100
43 52.6 45.5 68.3
87 32.1 31.8 47.8
59 14.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 274.427 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078155.D
 Acq: 09 Jun 2023 18:59

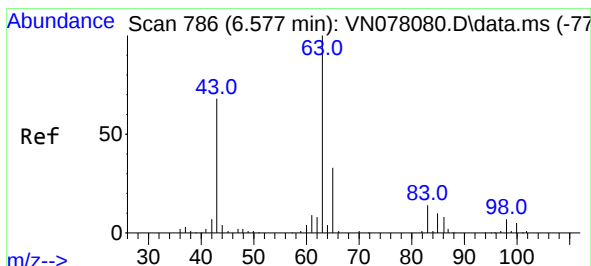
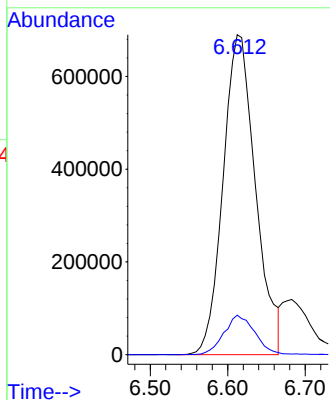
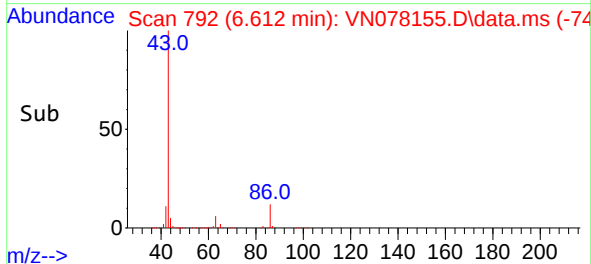
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



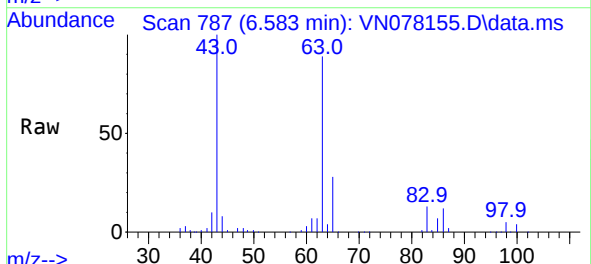
Tgt Ion: 43 Resp: 2014164
 Ion Ratio Lower Upper
 43 100
 86 12.3 13.0 19.6

Manual Integrations
 APPROVED

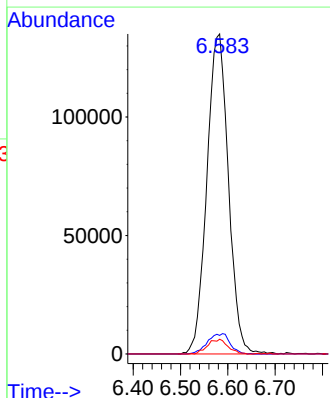
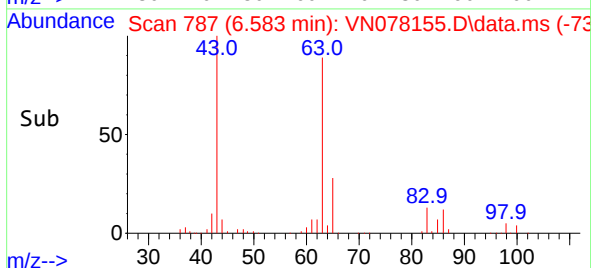
Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

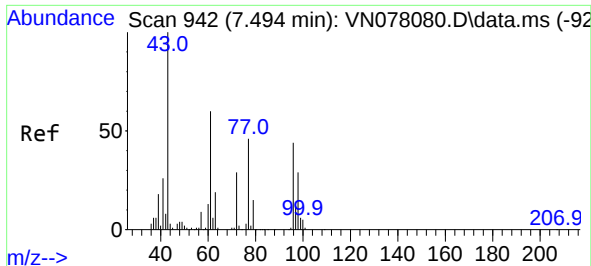


#24
 1,1-Dichloroethane
 Concen: 52.441 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078155.D
 Acq: 09 Jun 2023 18:59



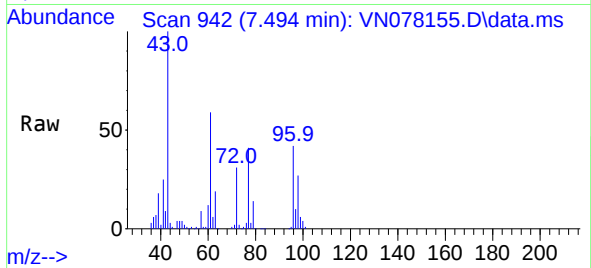
Tgt Ion: 63 Resp: 427133
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 4.6 2.5 7.4





#25
2-Butanone
Concen: 279.144 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

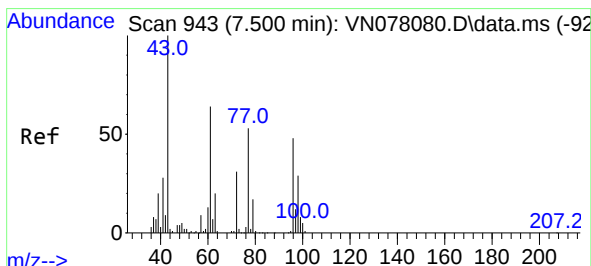
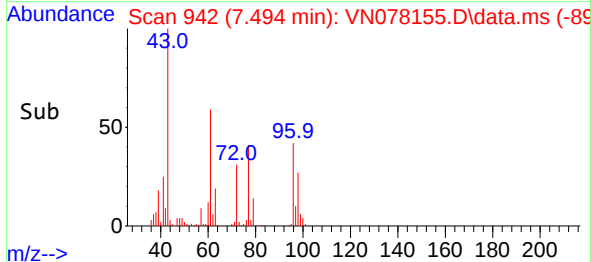
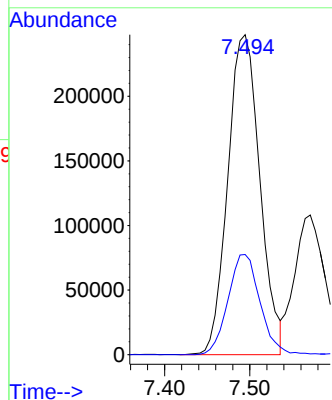
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64870
Ion Ratio Lower Upper
43 100
72 31.3 30.2 45.2

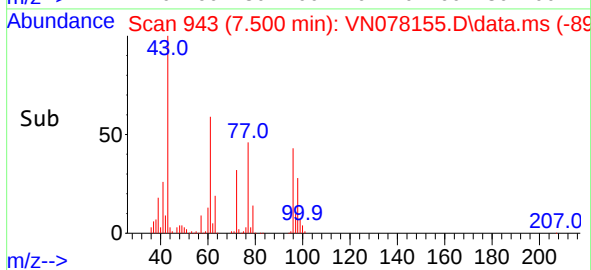
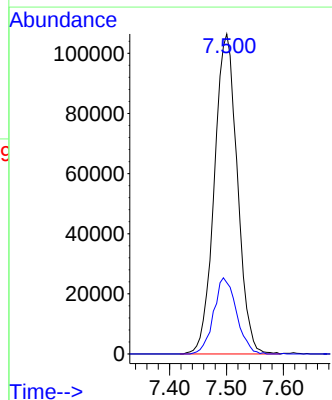
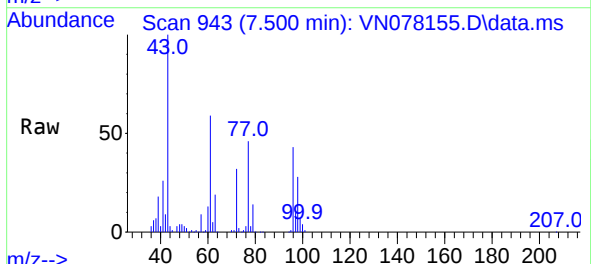
Manual Integrations
APPROVED

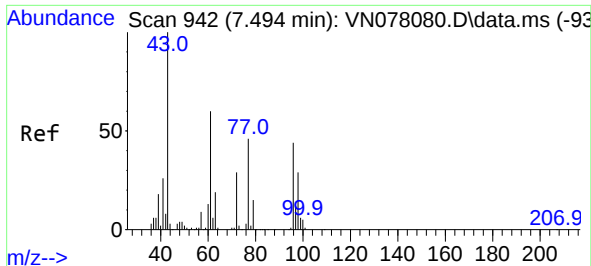
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#26
2,2-Dichloropropane
Concen: 49.684 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

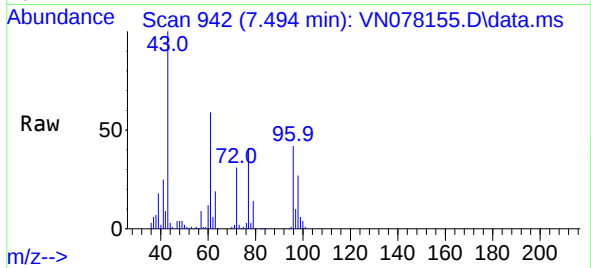
Tgt Ion: 77 Resp: 298799
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.112 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078155.D
 Acq: 09 Jun 2023 18:59

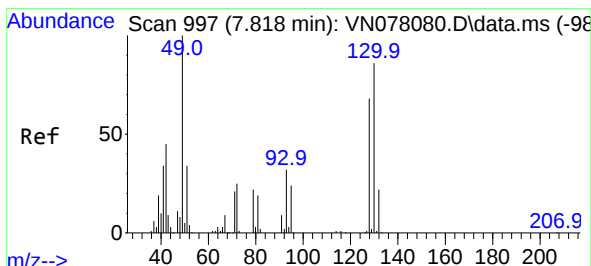
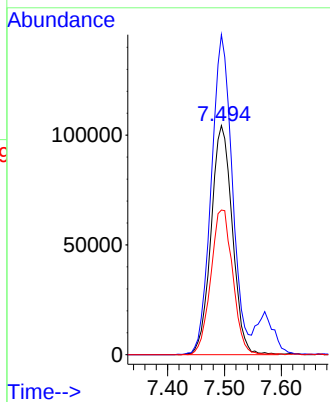
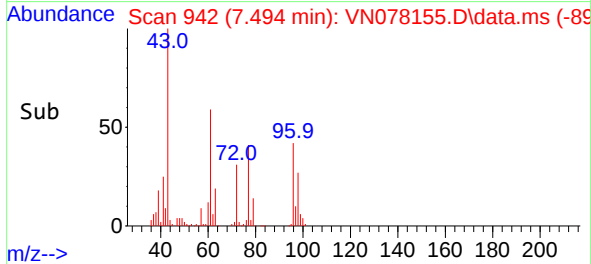
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



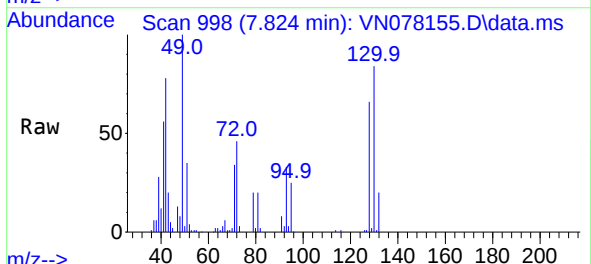
Tgt Ion: 96 Resp: 27169
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 255.2
 98 65.0 0.0 128.8

Manual Integrations
 APPROVED

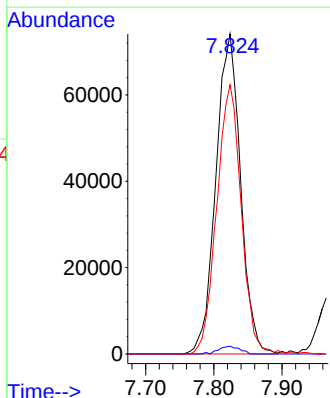
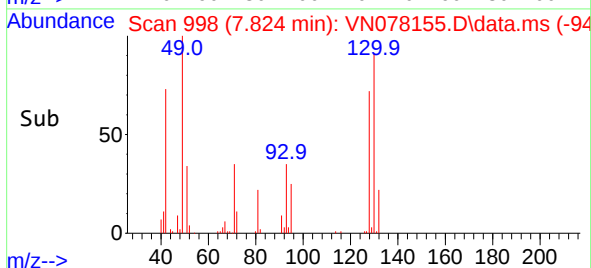
Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

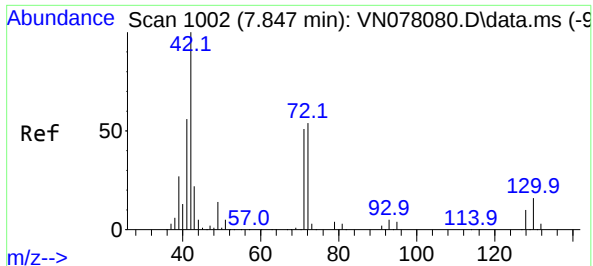


#28
 Bromochloromethane
 Concen: 49.941 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078155.D
 Acq: 09 Jun 2023 18:59



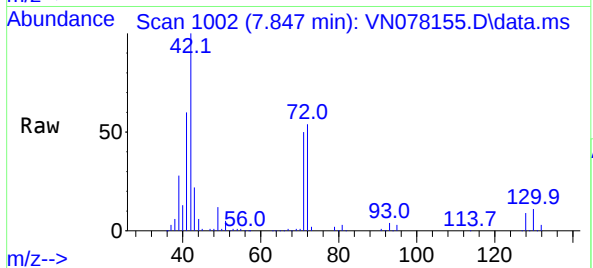
Tgt Ion: 49 Resp: 186762
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 83.6 75.3 112.9





#29
Tetrahydrofuran
Concen: 280.038 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

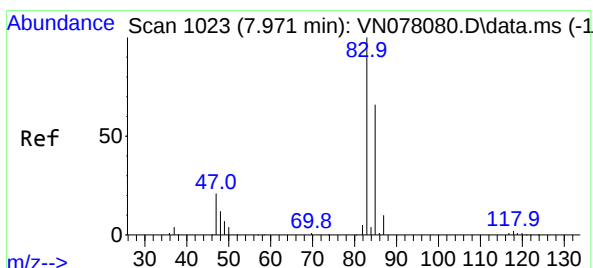
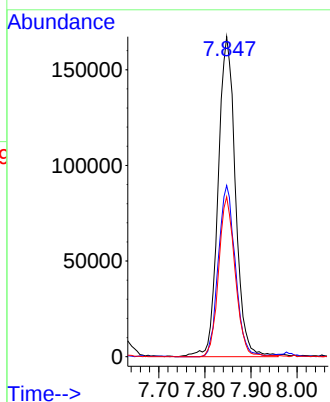
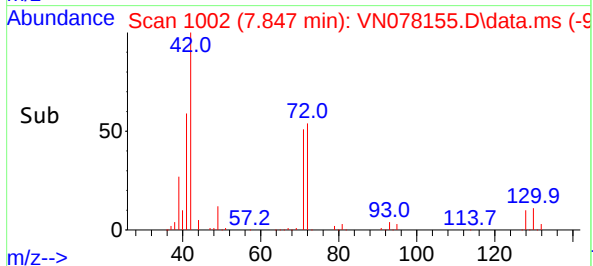
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



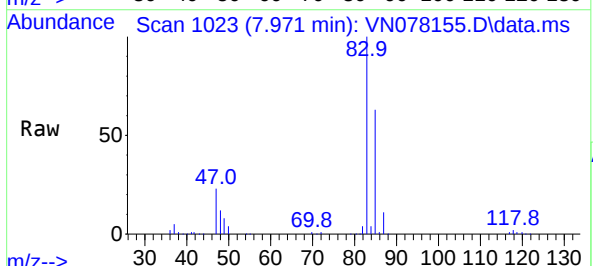
Tgt Ion: 42 Resp: 435049
Ion Ratio Lower Upper
42 100
72 52.3 49.8 74.6
71 47.5 47.4 71.2

Manual Integrations
APPROVED

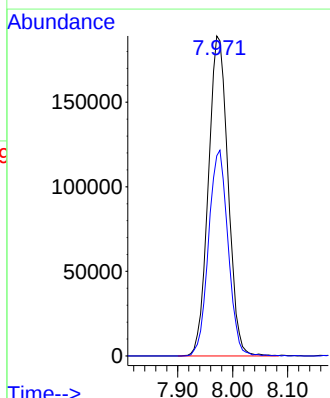
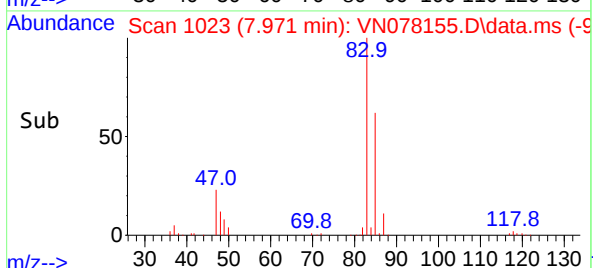
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

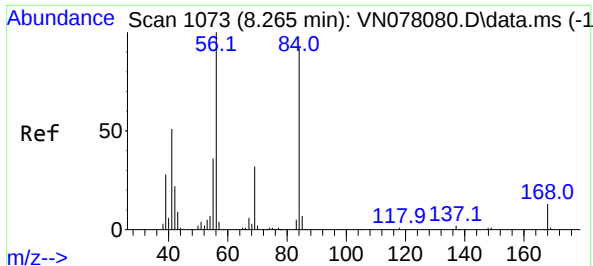


#30
Chloroform
Concen: 53.699 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



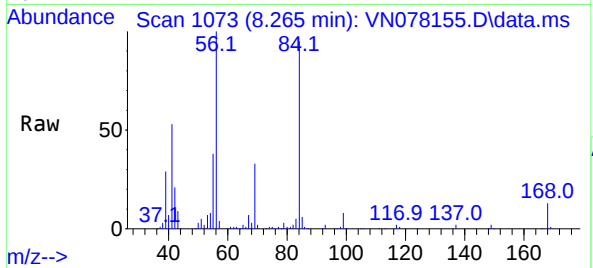
Tgt Ion: 83 Resp: 470977
Ion Ratio Lower Upper
83 100
85 62.5 55.4 83.0





#31
Cyclohexane
Concen: 50.901 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

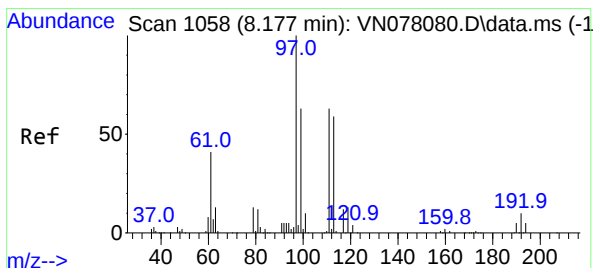
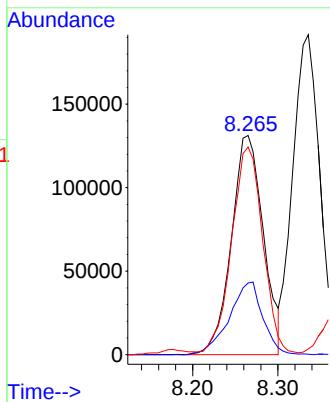
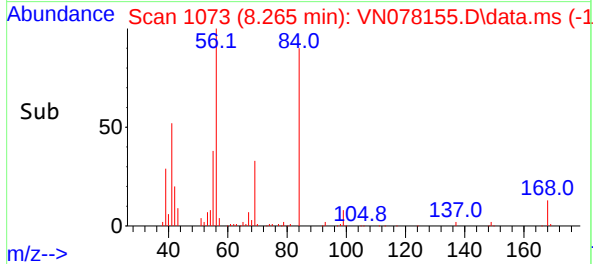
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



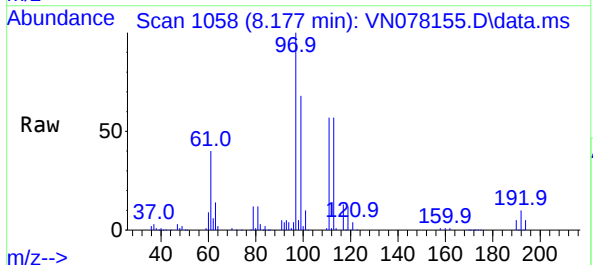
Tgt Ion: 56 Resp: 342808
Ion Ratio Lower Upper
56 100
69 32.6 26.8 40.2
84 92.8 81.8 122.6

Manual Integrations
APPROVED

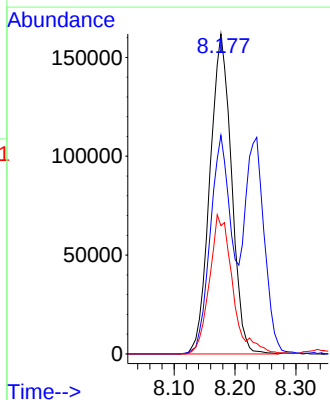
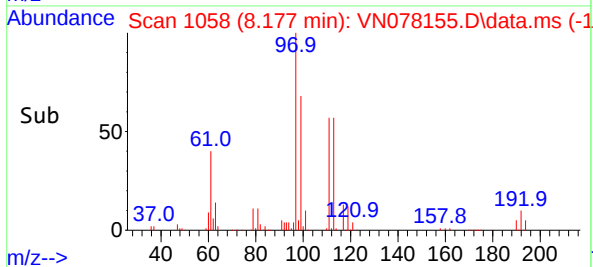
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

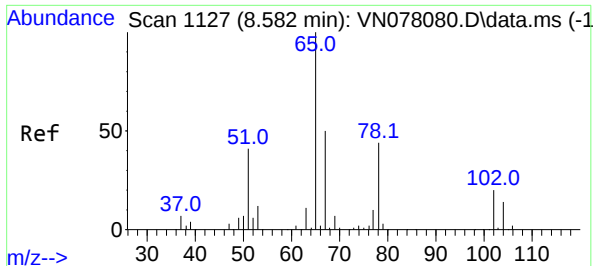


#32
1,1,1-Trichloroethane
Concen: 51.751 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion: 97 Resp: 398485
Ion Ratio Lower Upper
97 100
99 67.6 50.3 75.5
61 46.8 34.7 52.1





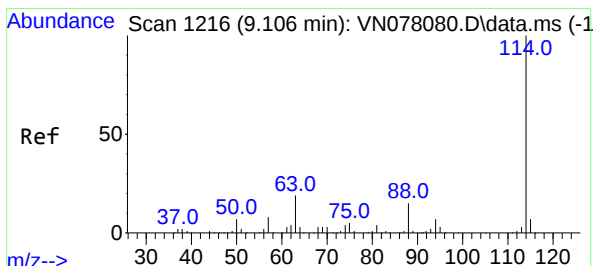
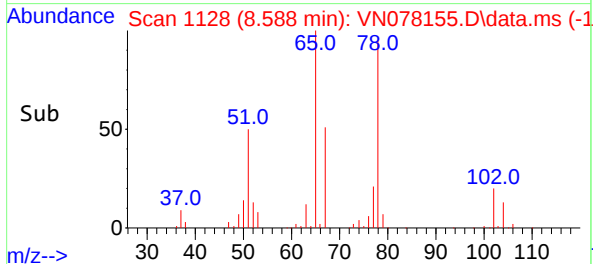
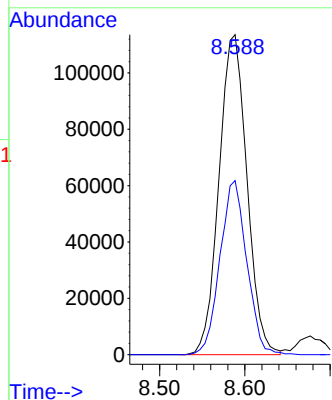
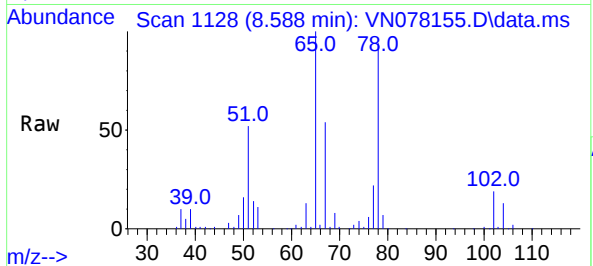
#33
1,2-Dichloroethane-d4
Concen: 49.293 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 258790
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6

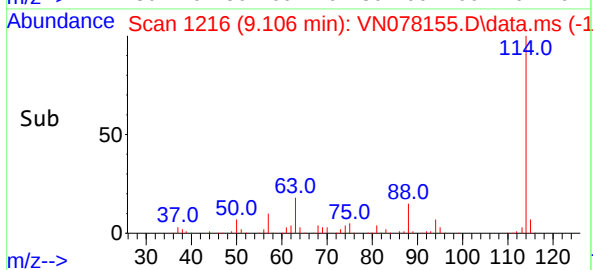
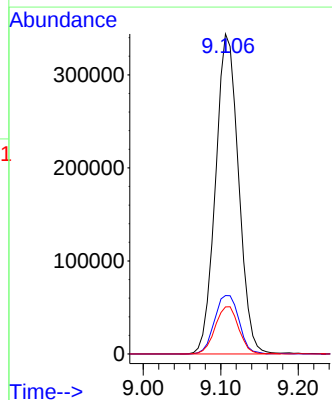
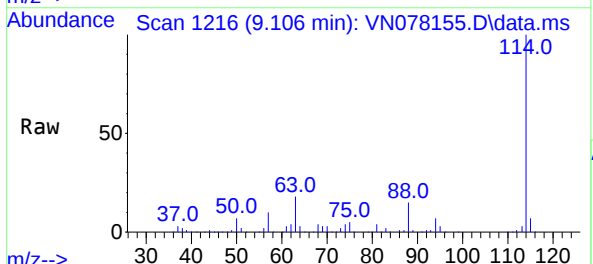
Manual Integrations
APPROVED

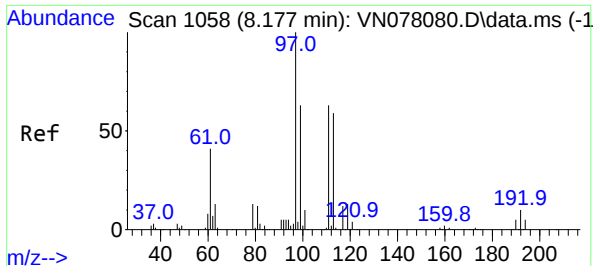
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

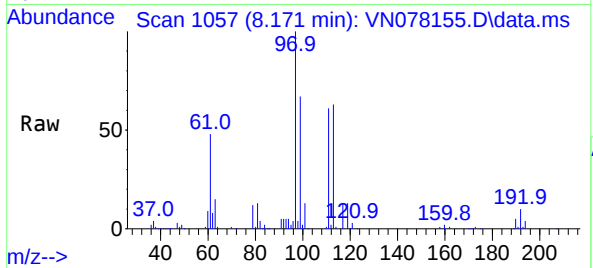
Tgt Ion:114 Resp: 709022
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 48.320 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

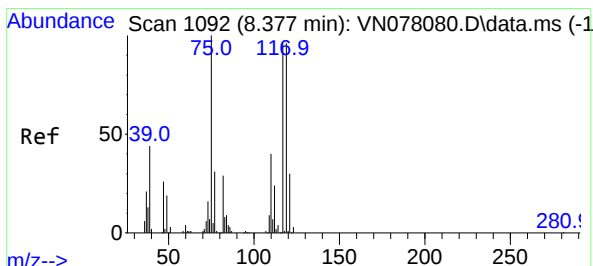
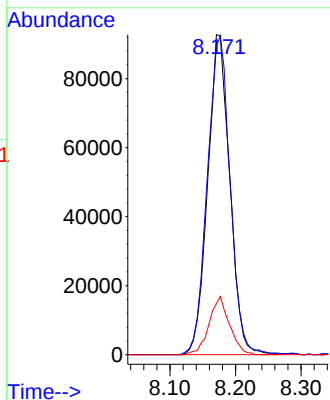
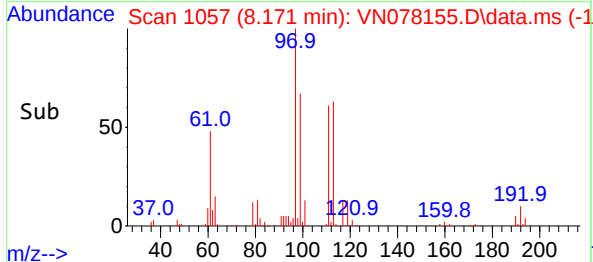
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



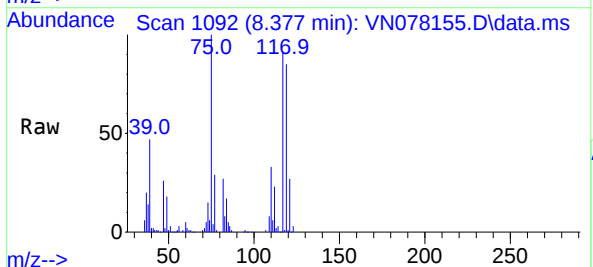
Tgt Ion: 113 Resp: 21662
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 16.8 12.7 19.1

Manual Integrations
APPROVED

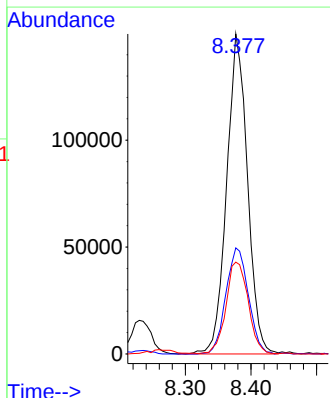
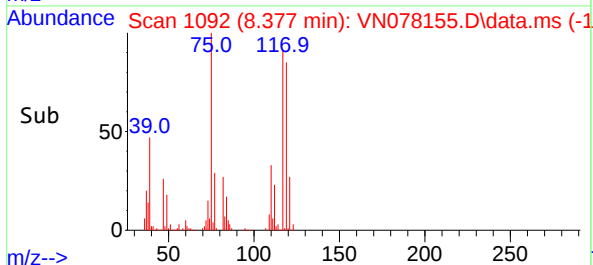
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

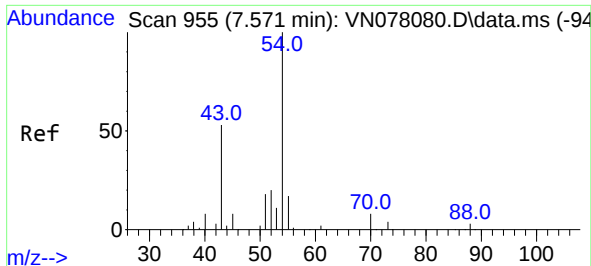


#36
1,1-Dichloropropene
Concen: 51.303 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



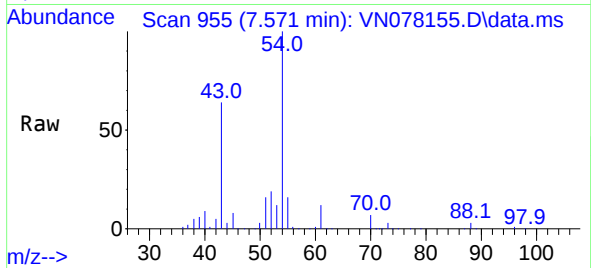
Tgt Ion: 75 Resp: 329900
Ion Ratio Lower Upper
75 100
110 35.7 19.1 57.3
77 30.6 25.0 37.4





#37
Ethyl Acetate
Concen: 55.128 ug/l
RT: 7.571 min Scan# 955
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

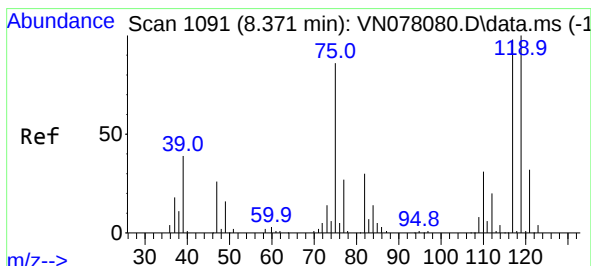
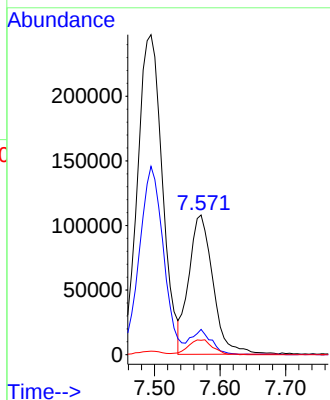
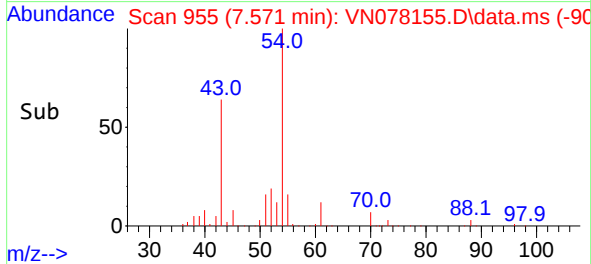
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



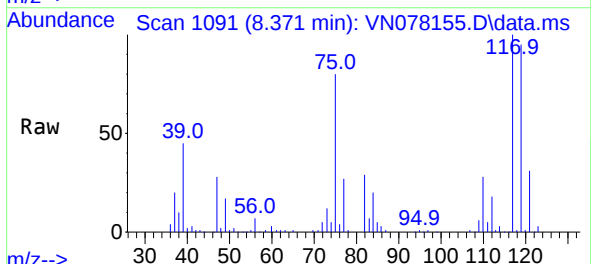
Tgt Ion: 43 Resp: 27693
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 10.9 11.3 16.9

Manual Integrations
APPROVED

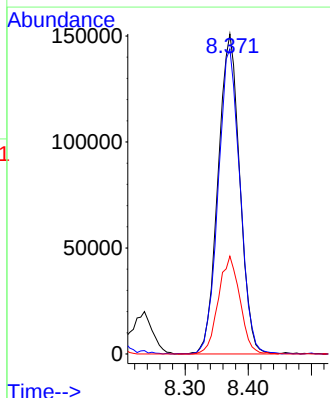
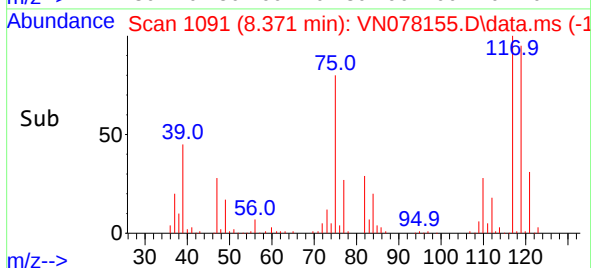
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

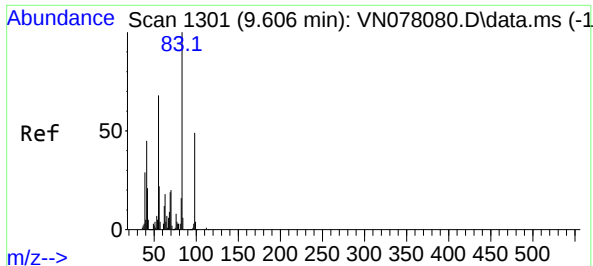


#38
Carbon Tetrachloride
Concen: 52.977 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion:117 Resp: 359707
Ion Ratio Lower Upper
117 100
119 95.2 77.3 115.9
121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 51.117 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078155.D

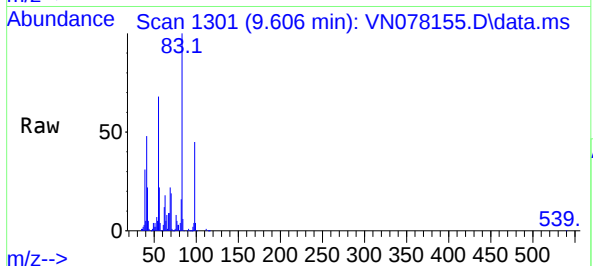
Acq: 09 Jun 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 340649

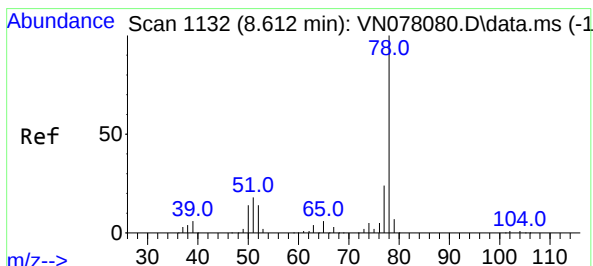
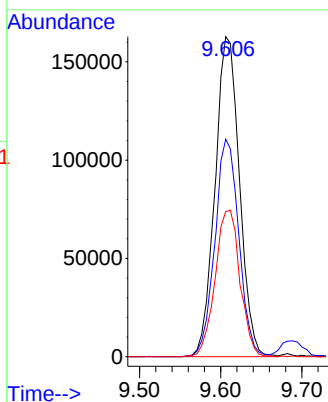
Ion	Ratio	Lower	Upper
83	100		
55	68.0	49.1	73.7
98	45.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2023

Supervised By :Mahesh Dadoda 06/12/2023



#40

Benzene

Concen: 52.021 ug/l

RT: 8.612 min Scan# 1132

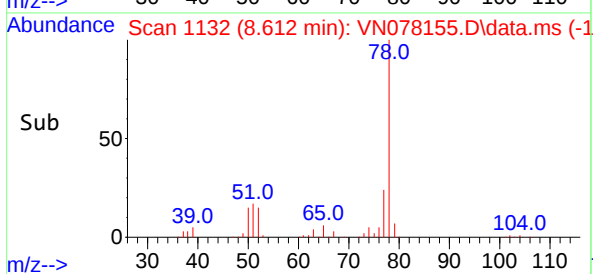
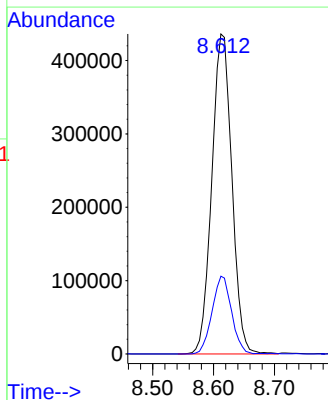
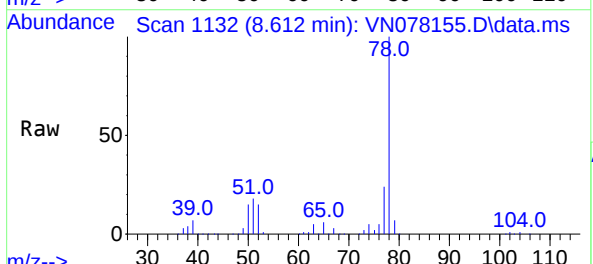
Delta R.T. 0.000 min

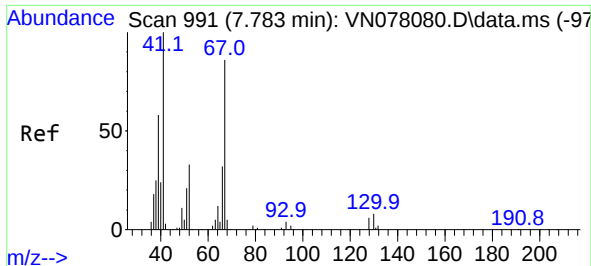
Lab File: VN078155.D

Acq: 09 Jun 2023 18:59

Tgt Ion: 78 Resp: 998666

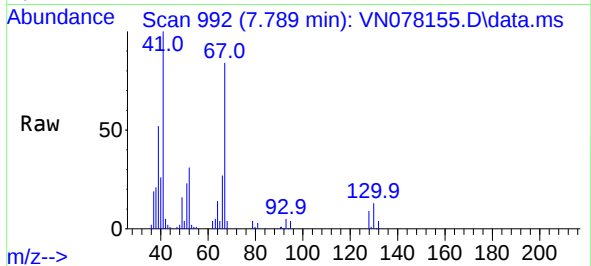
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6





#41
Methacrylonitrile
Concen: 53.765 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

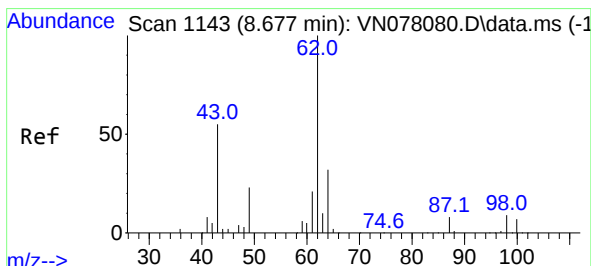
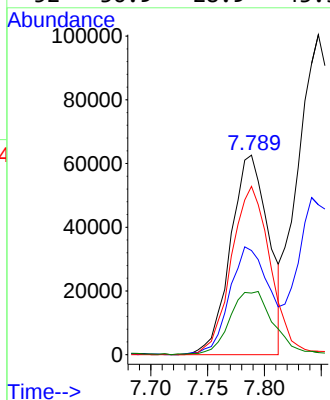
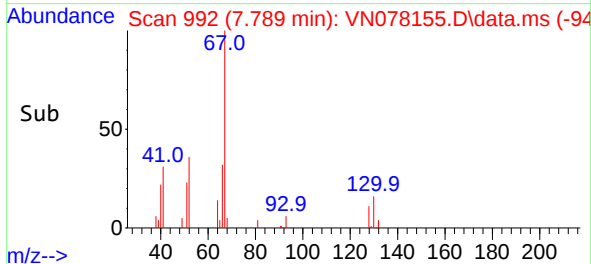
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



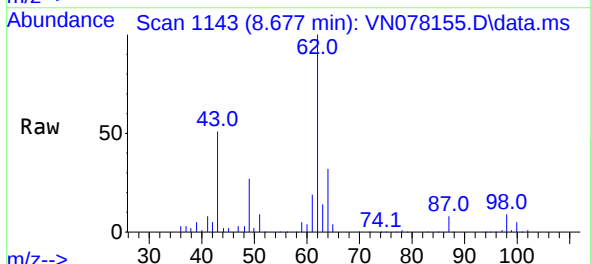
Tgt Ion: 41 Resp: 14639
Ion Ratio Lower Upper
41 100
39 55.5 42.6 64.0
67 87.0 77.5 116.3
52 36.9 28.9 43.3

Manual Integrations
APPROVED

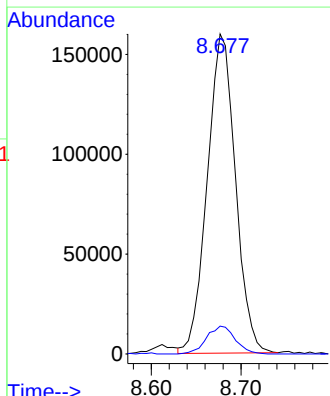
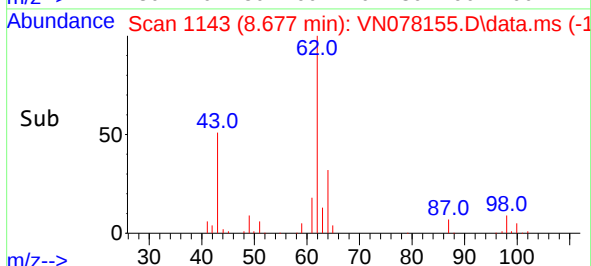
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

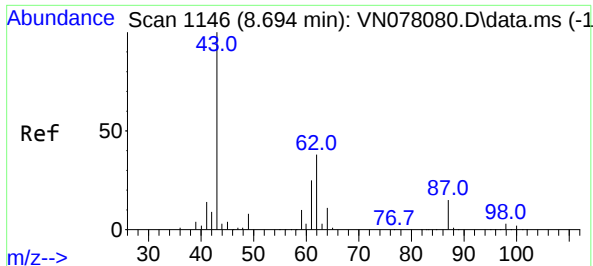


#42
1,2-Dichloroethane
Concen: 53.031 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



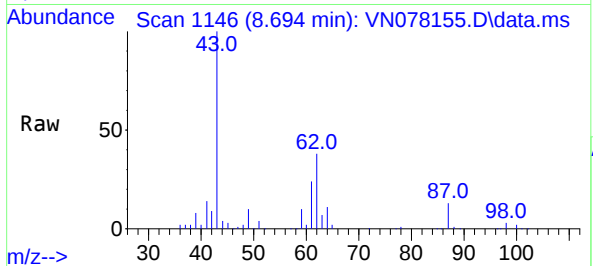
Tgt Ion: 62 Resp: 349066
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.994 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

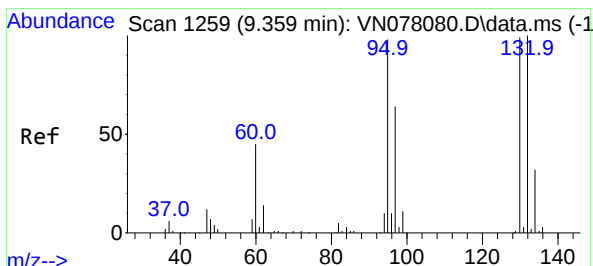
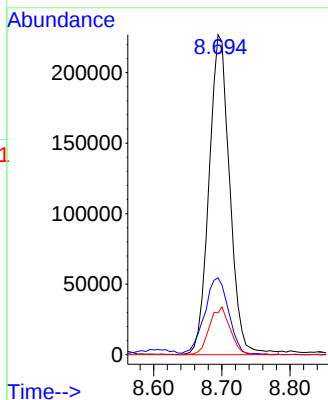
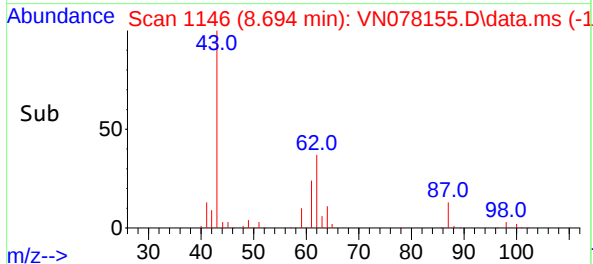
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



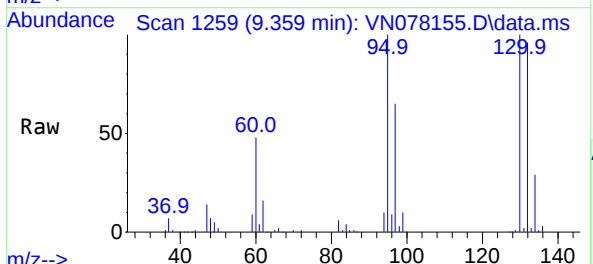
Tgt Ion: 43 Resp: 48029
Ion Ratio Lower Upper
43 100
61 28.2 24.7 37.1
87 14.9 14.6 21.8

Manual Integrations
APPROVED

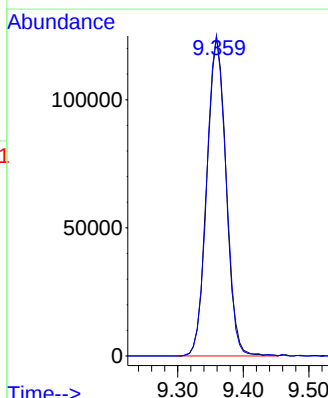
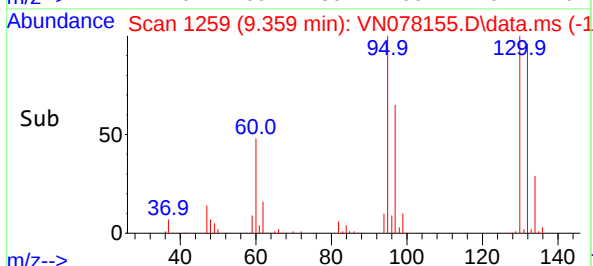
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

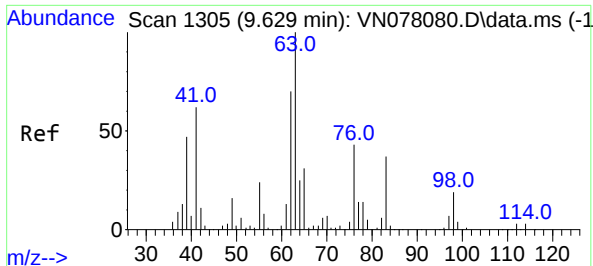


#44
Trichloroethene
Concen: 50.067 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion:130 Resp: 253830
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.6





#45
1,2-Dichloropropane
Concen: 53.284 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :

MSVOA_N

ClientSampleId :

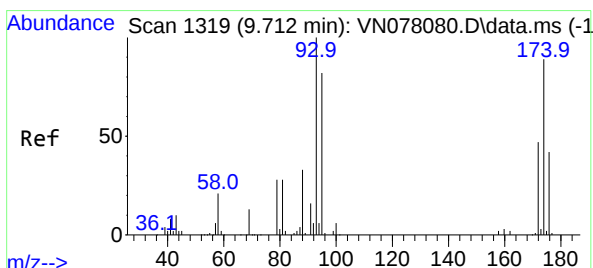
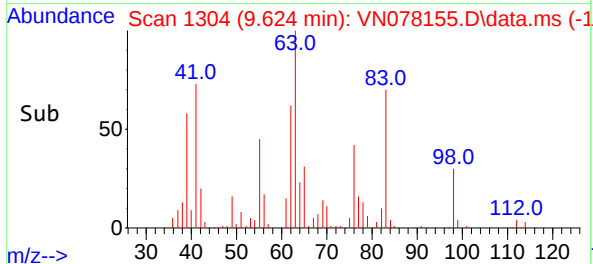
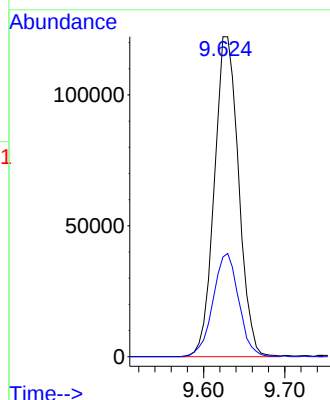
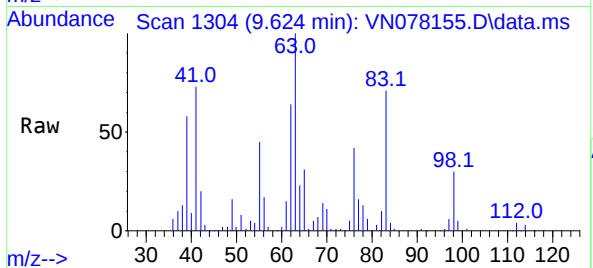
VSTDCCC050EC

Tgt Ion: 63 Resp: 254504
Ion Ratio Lower Upper
63 100
65 31.2 23.9 35.9

Manual Integrations

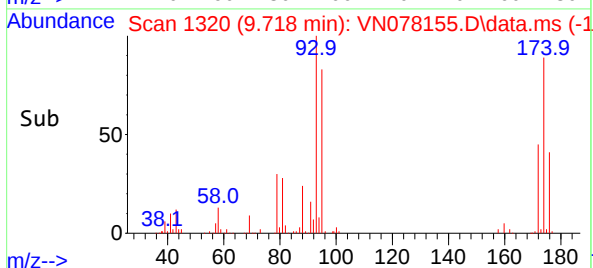
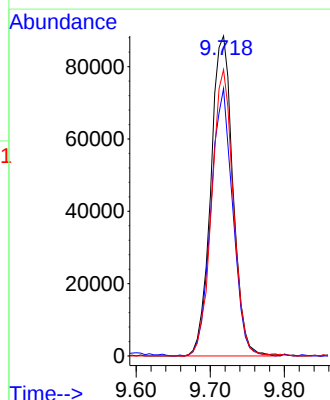
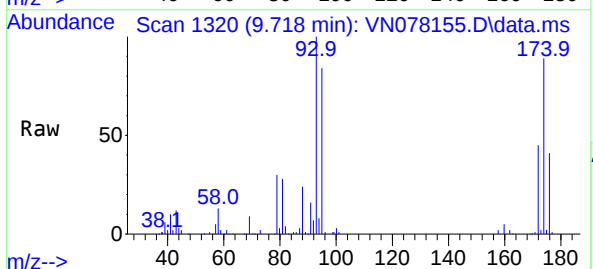
APPROVED

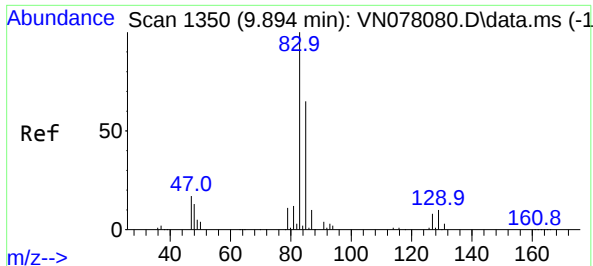
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#46
Dibromomethane
Concen: 52.115 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

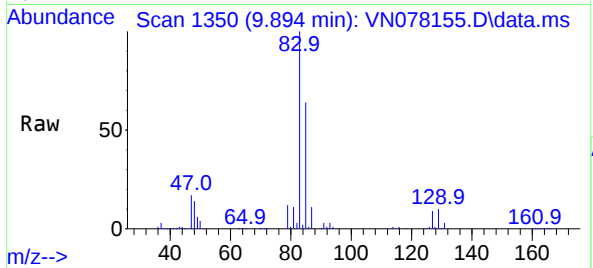
Tgt Ion: 93 Resp: 183346
Ion Ratio Lower Upper
93 100
95 82.4 63.8 95.8
174 87.1 65.6 98.4





#47
Bromodichloromethane
Concen: 56.062 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

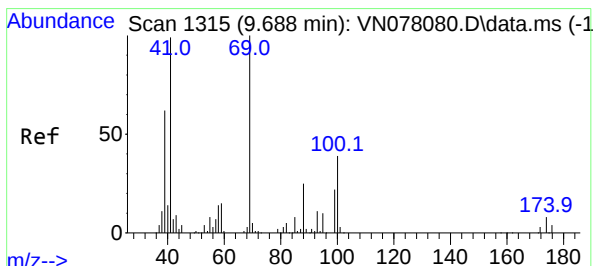
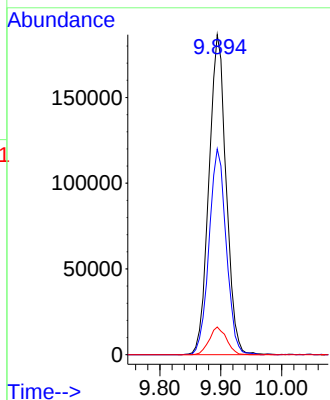
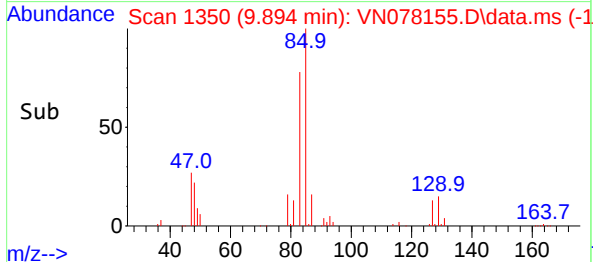
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



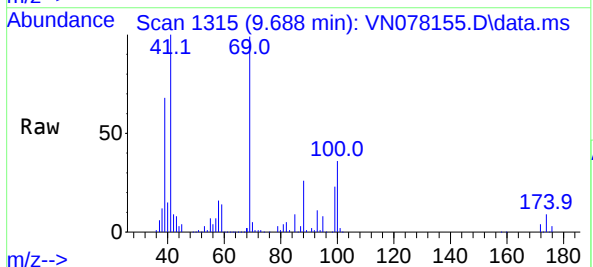
Tgt Ion: 83 Resp: 36636
Ion Ratio Lower Upper
83 100
85 64.3 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

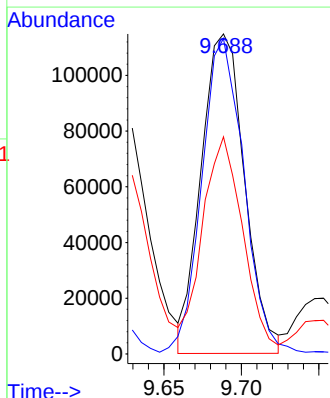
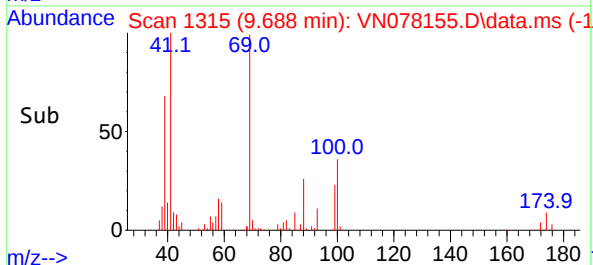
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

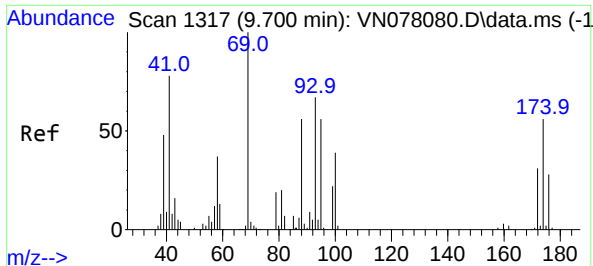


#48
Methyl methacrylate
Concen: 55.417 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



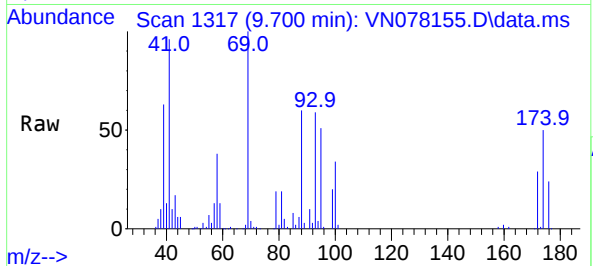
Tgt Ion: 41 Resp: 223424
Ion Ratio Lower Upper
41 100
69 96.6 90.4 135.6
39 63.8 54.6 81.8





#49
1,4-Dioxane
Concen: 1103.332 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

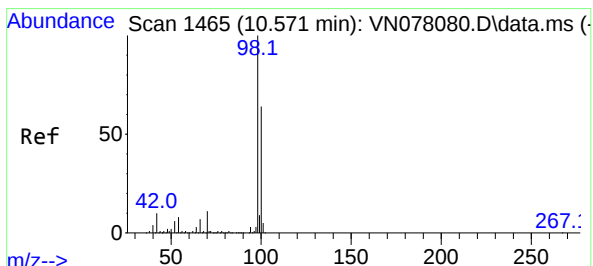
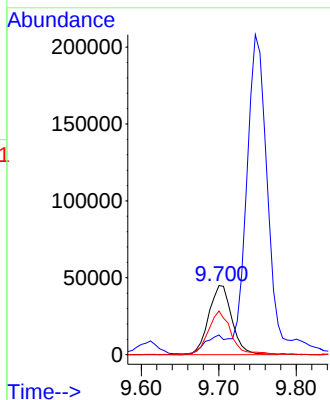
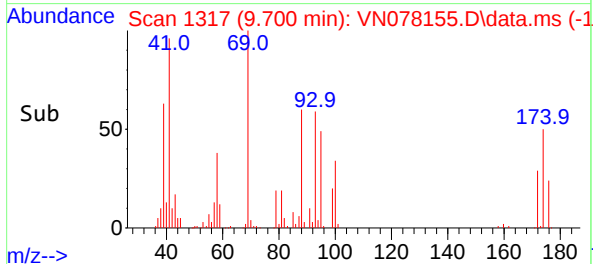
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



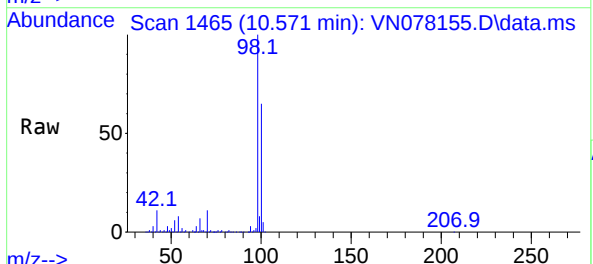
Tgt Ion: 88 Resp: 9349
Ion Ratio Lower Upper
88 100
43 21.3 17.0 25.6
58 62.5 47.0 70.4

Manual Integrations
APPROVED

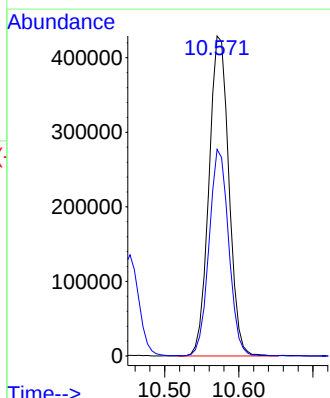
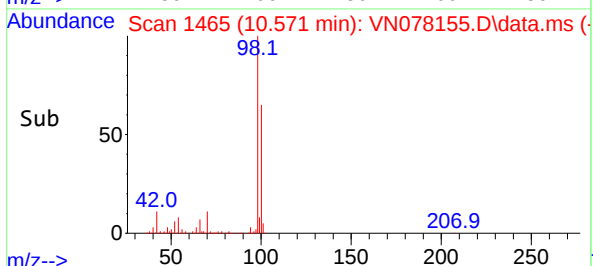
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

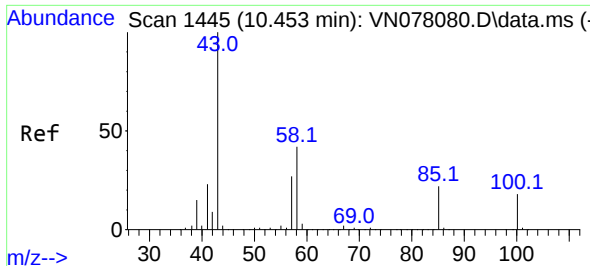


#50
Toluene-d8
Concen: 46.370 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



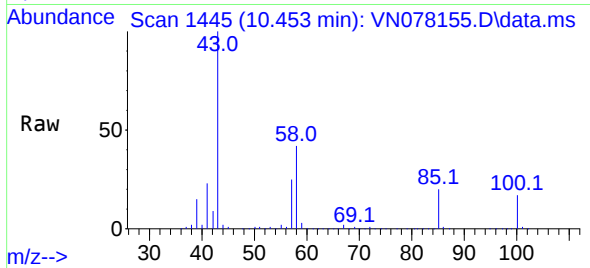
Tgt Ion: 98 Resp: 801399
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 282.406 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

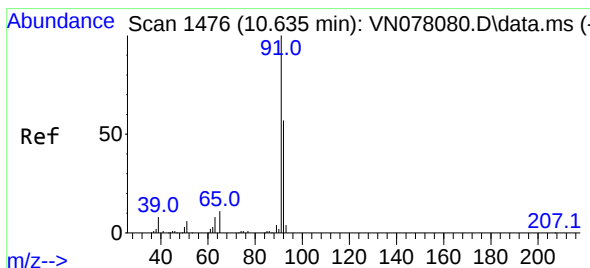
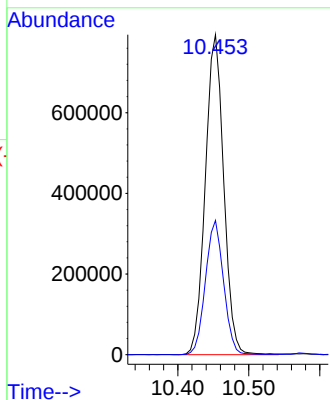
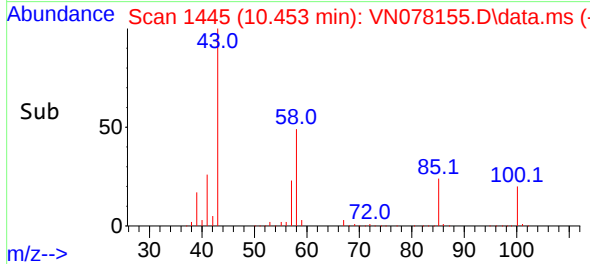
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



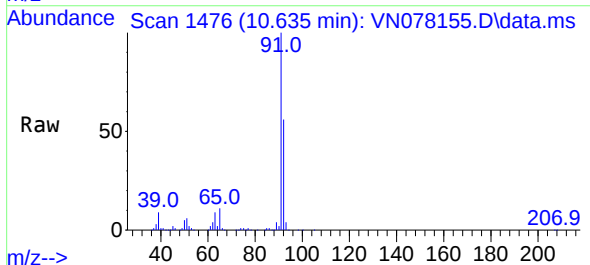
Tgt Ion: 43 Resp: 142869
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

Manual Integrations
APPROVED

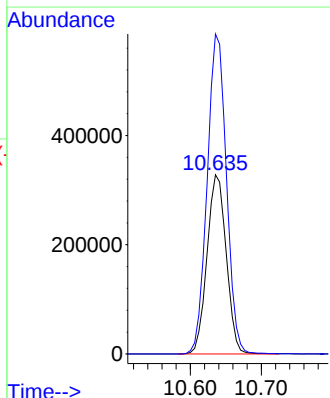
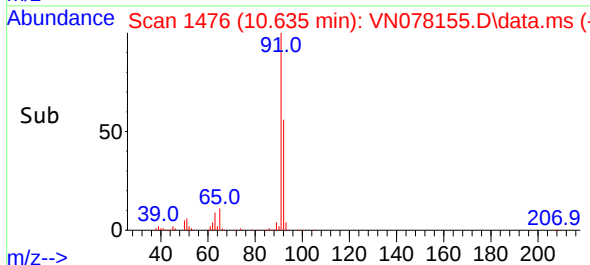
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

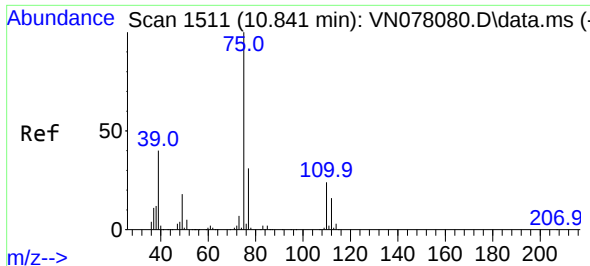


#52
Toluene
Concen: 50.817 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



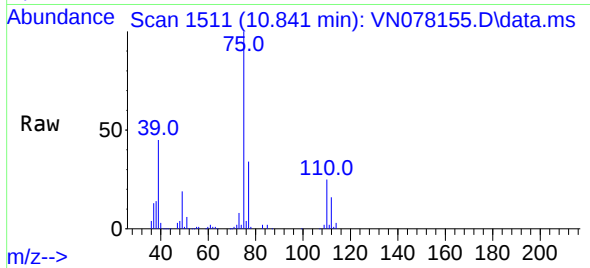
Tgt Ion: 92 Resp: 615939
Ion Ratio Lower Upper
92 100
91 179.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.589 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

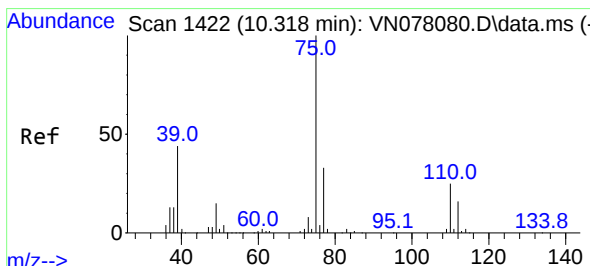
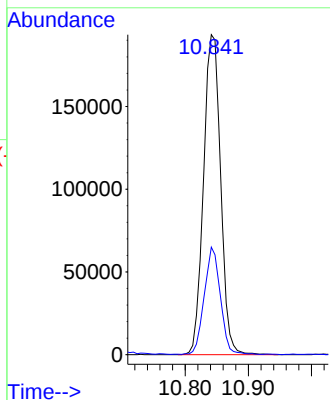
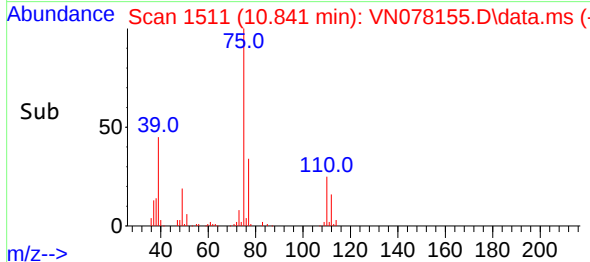
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



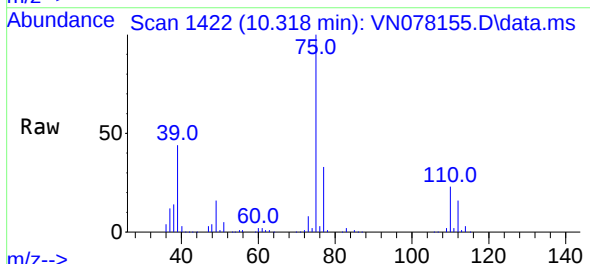
Tgt Ion: 75 Resp: 364719
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0

Manual Integrations
APPROVED

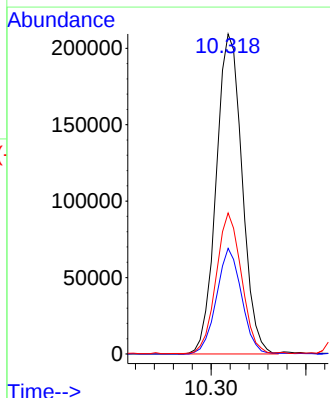
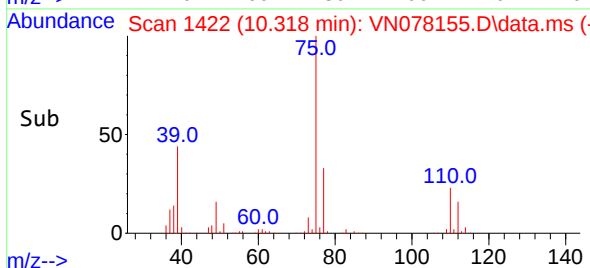
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

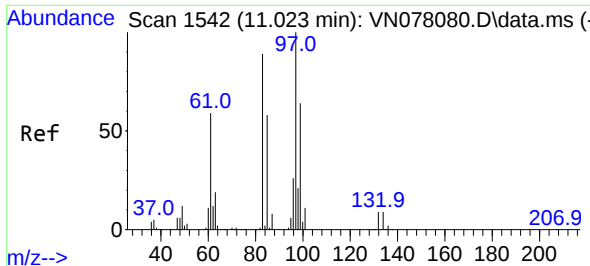


#54
cis-1,3-Dichloropropene
Concen: 52.964 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



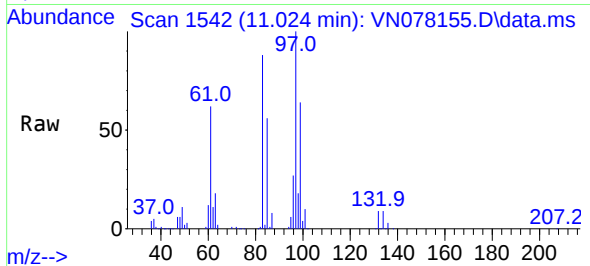
Tgt Ion: 75 Resp: 398461
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 43.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.483 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

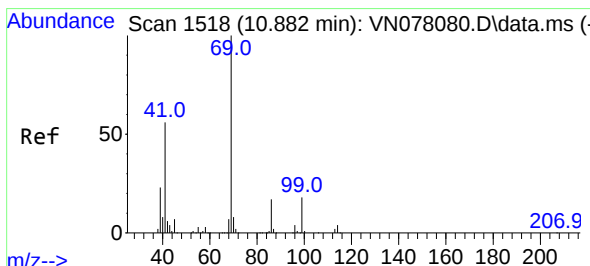
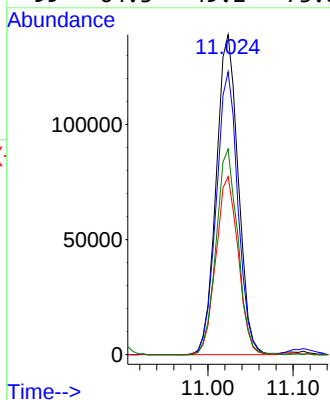
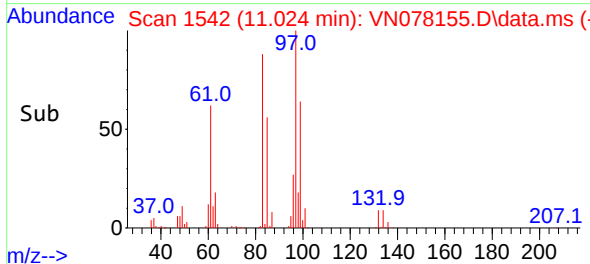


Tgt Ion: 97 Resp: 24981

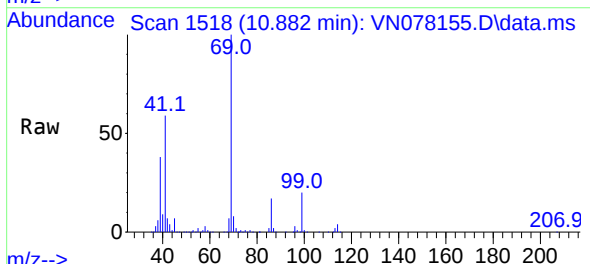
Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.1	97.7
85	55.7	43.4	65.2
99	64.3	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

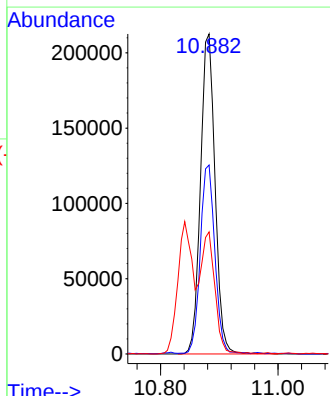
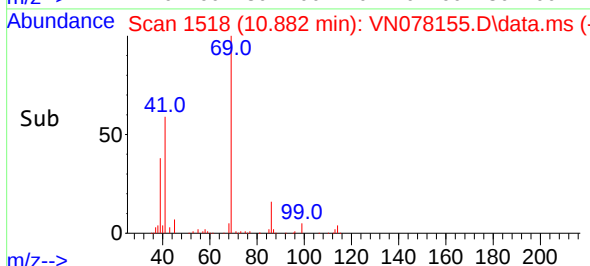


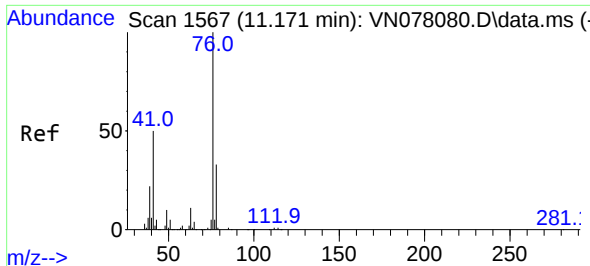
#56
Ethyl methacrylate
Concen: 54.585 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion: 69 Resp: 364430

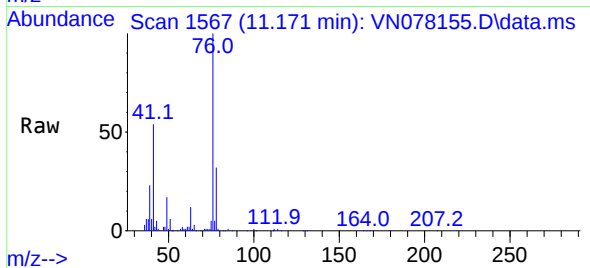
Ion	Ratio	Lower	Upper
69	100		
41	59.0	39.6	59.4
39	37.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 54.593 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

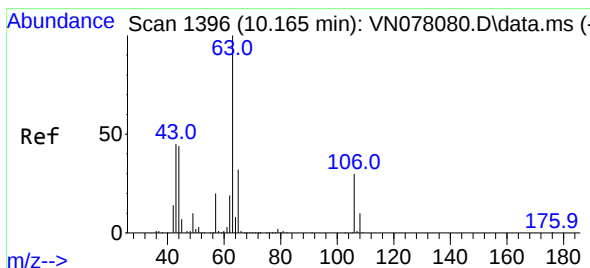
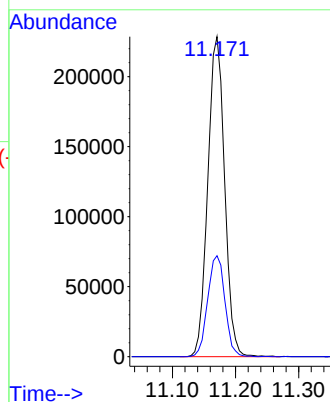
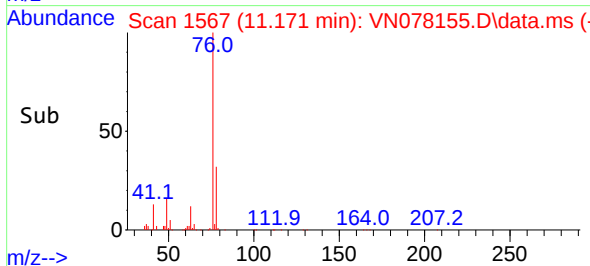
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



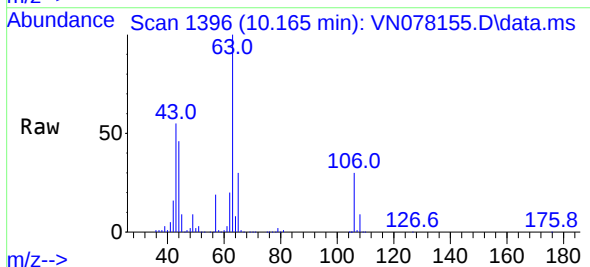
Tgt Ion: 76 Resp: 422529
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations
APPROVED

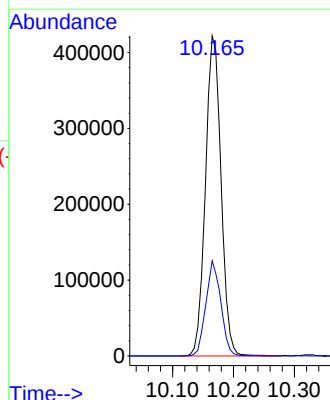
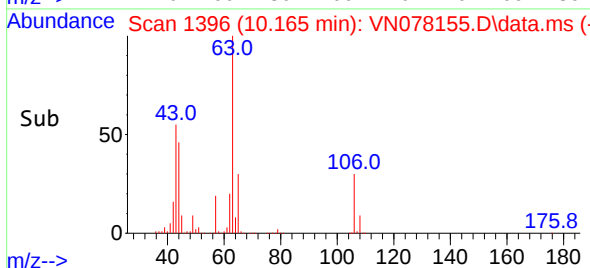
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

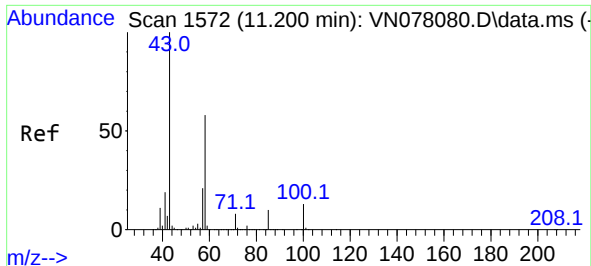


#58
2-Chloroethyl Vinyl ether
Concen: 278.984 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



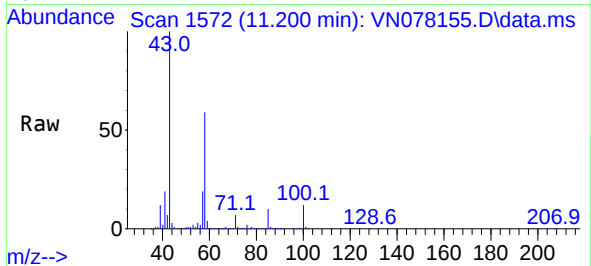
Tgt Ion: 63 Resp: 752432
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 285.620 ug/l
RT: 11.200 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

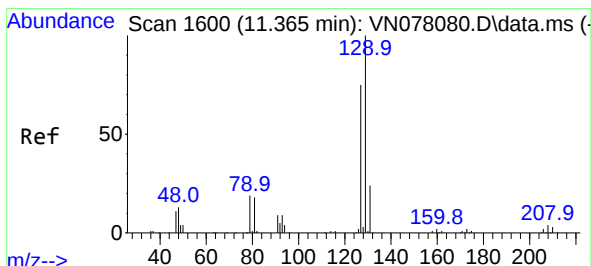
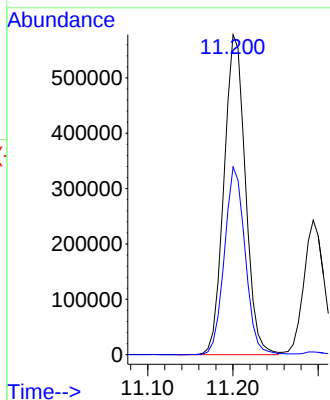
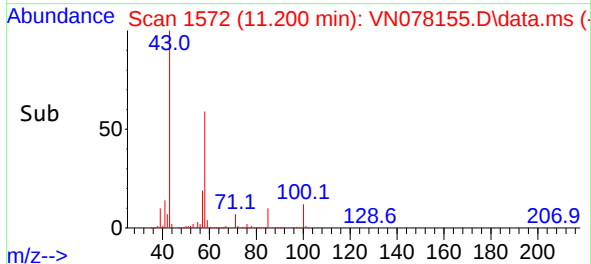
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100610
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1

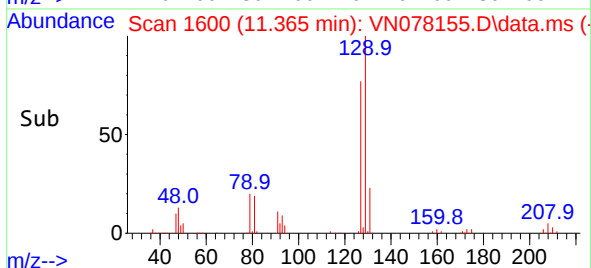
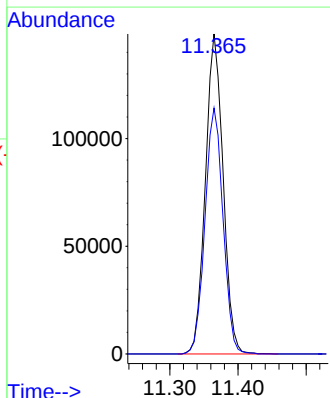
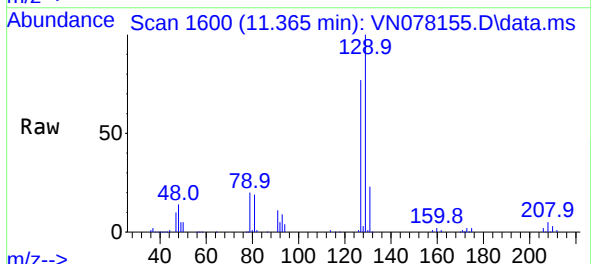
Manual Integrations
APPROVED

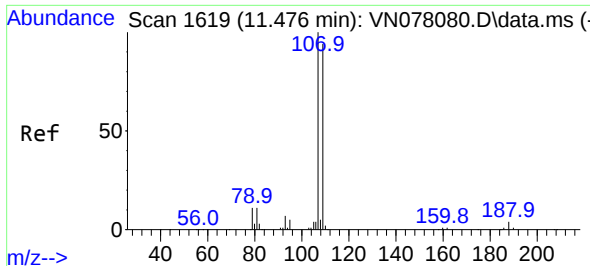
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#60
Dibromochloromethane
Concen: 53.511 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

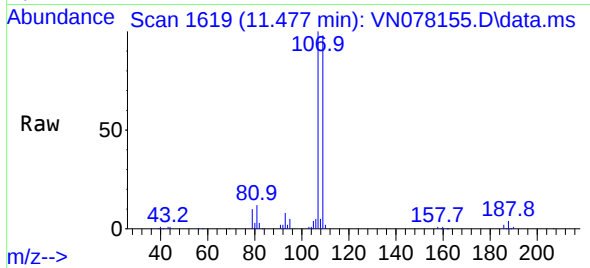
Tgt Ion:129 Resp: 268484
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.385 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

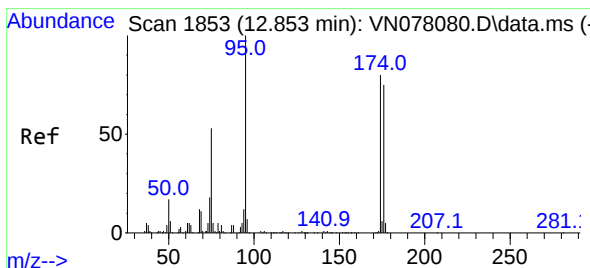
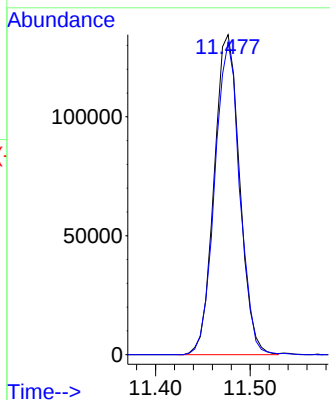
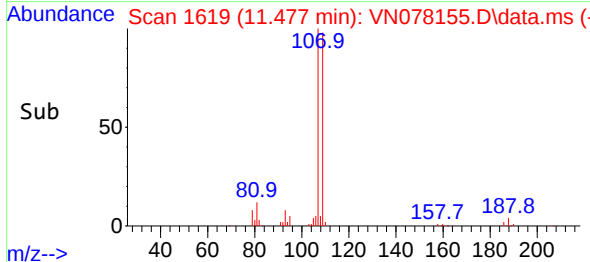
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



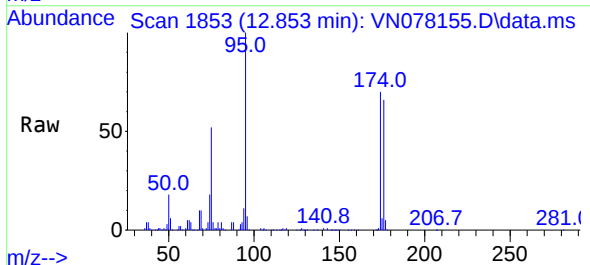
Tgt Ion:107 Resp: 252060
Ion Ratio Lower Upper
107 100
109 95.8 76.6 114.8

Manual Integrations
APPROVED

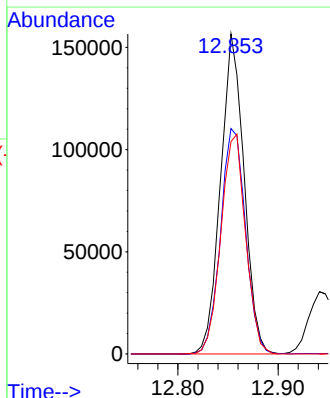
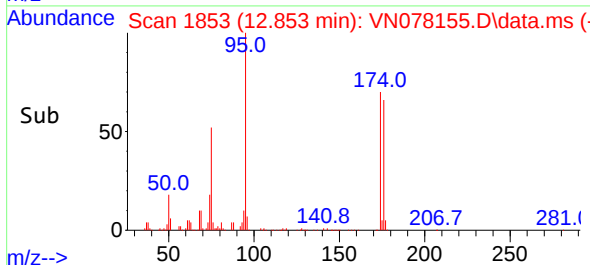
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

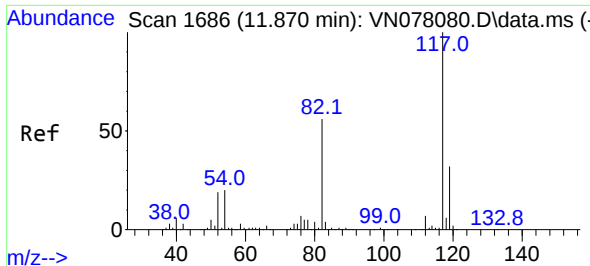


#62
4-Bromofluorobenzene
Concen: 47.374 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



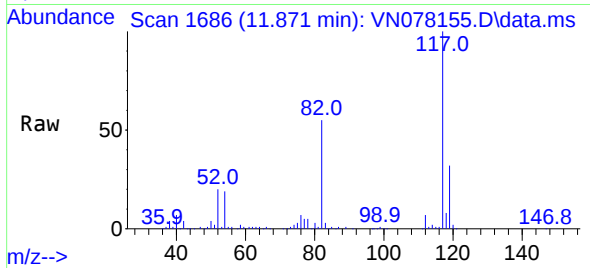
Tgt Ion: 95 Resp: 254527
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

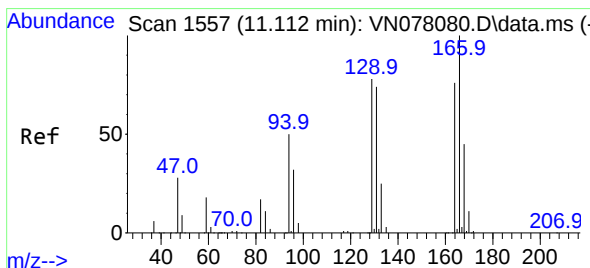
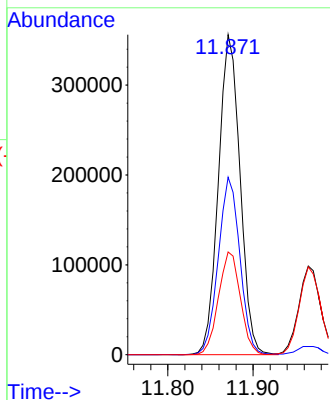
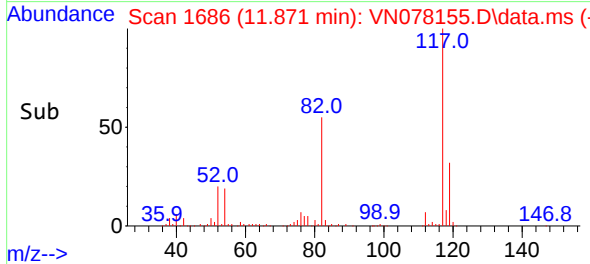
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



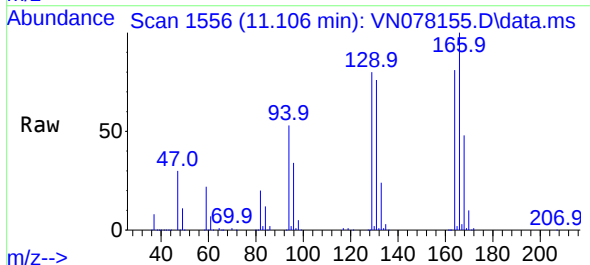
Tgt Ion:117 Resp: 628608
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations
APPROVED

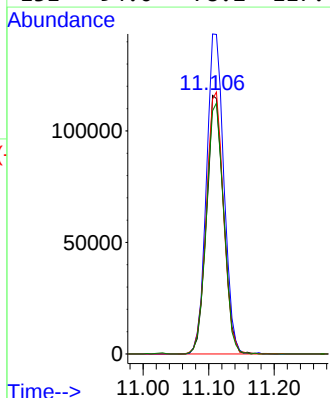
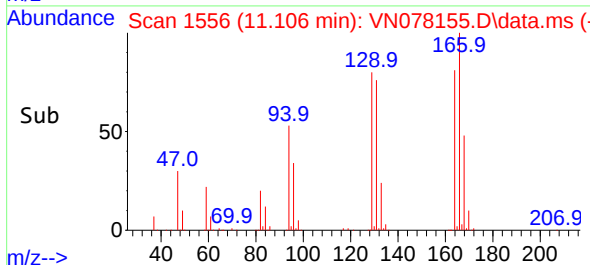
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

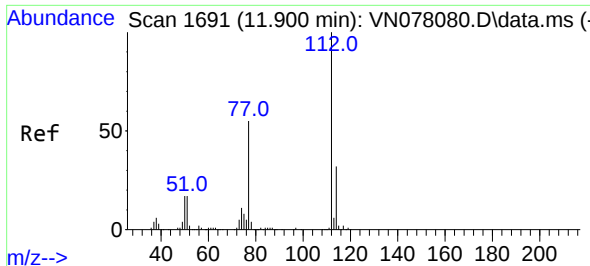


#64
Tetrachloroethene
Concen: 50.107 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion:164 Resp: 210133
Ion Ratio Lower Upper
164 100
166 123.7 101.4 152.0
129 98.5 82.4 123.6
131 94.0 78.2 117.4





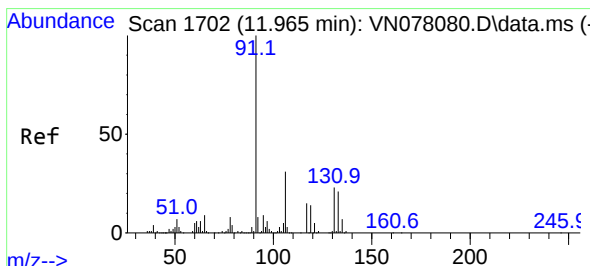
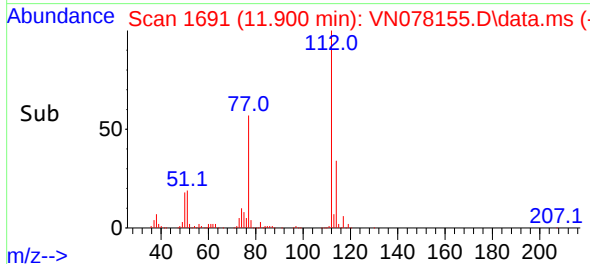
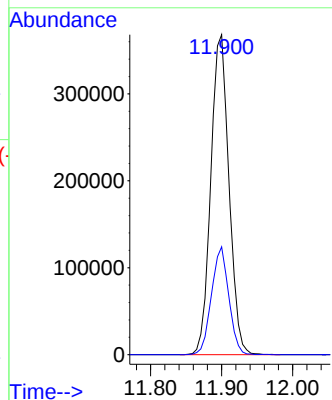
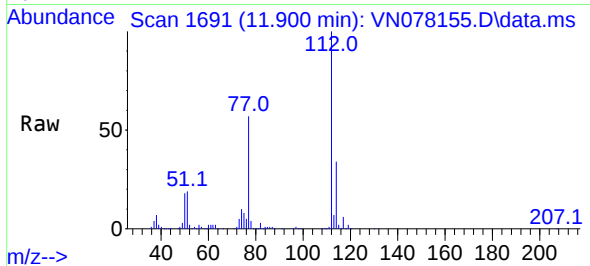
#65
Chlorobenzene
Concen: 48.488 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 65274
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4

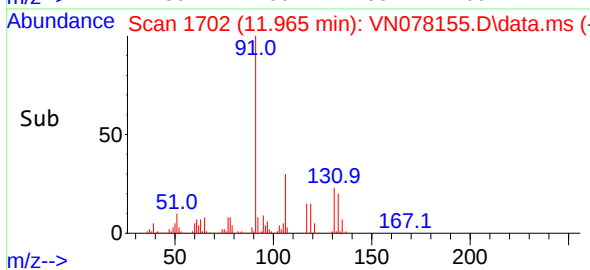
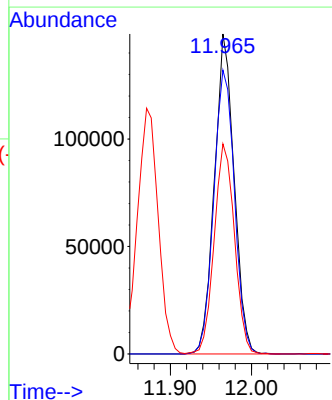
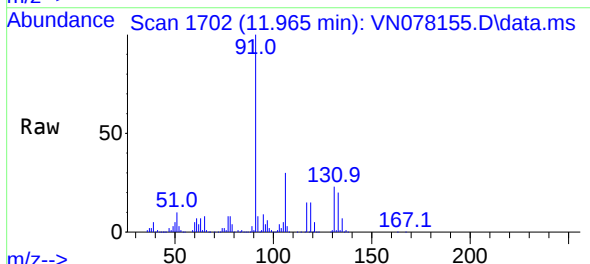
Manual Integrations
APPROVED

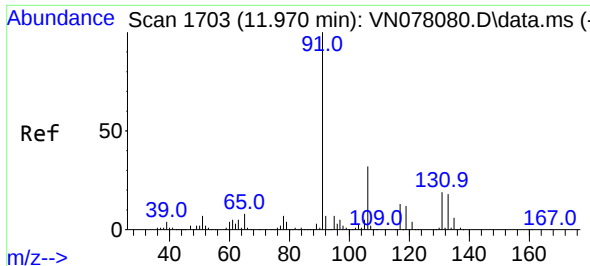
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.856 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

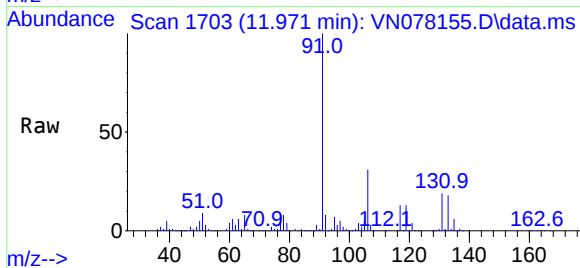
Tgt Ion:131 Resp: 251805
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 51.091 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

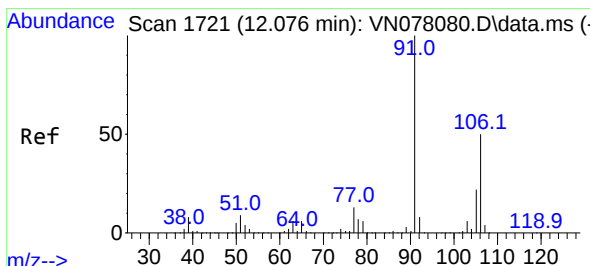
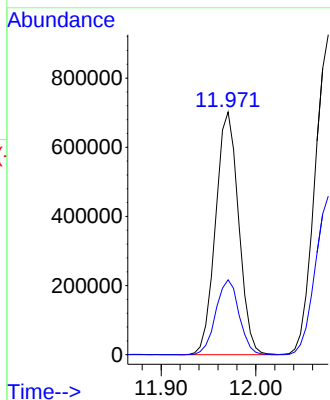
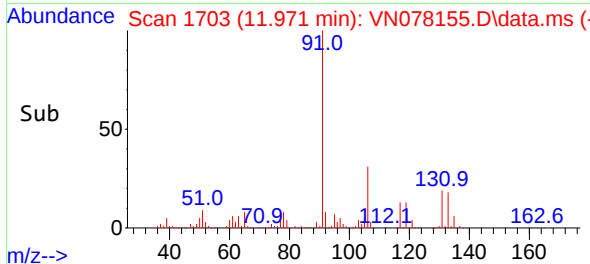
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



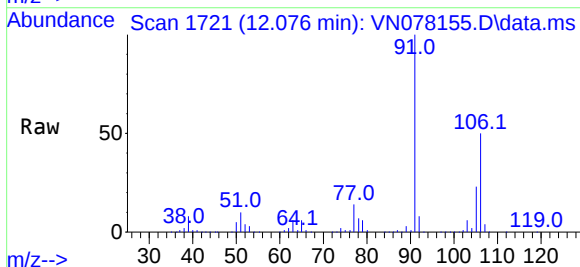
Tgt Ion: 91 Resp: 118676
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

Manual Integrations
APPROVED

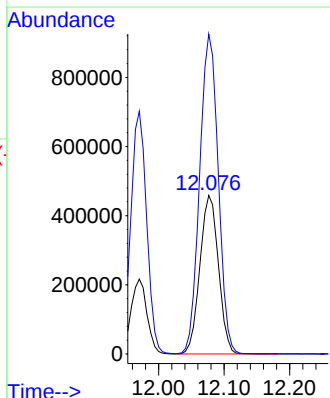
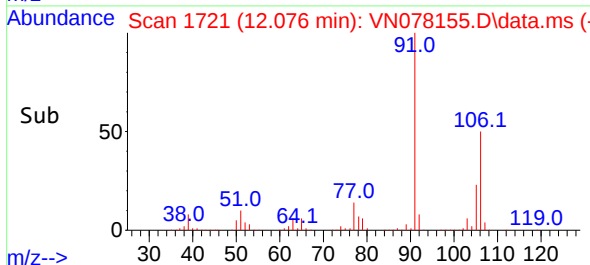
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

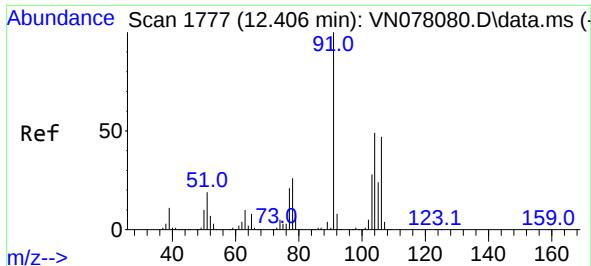


#68
m/p-Xylenes
Concen: 101.945 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



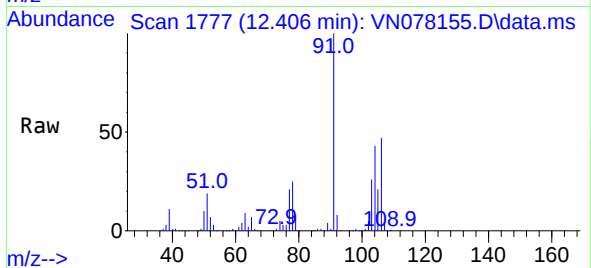
Tgt Ion:106 Resp: 902463
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4





#69
o-Xylene
Concen: 50.865 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

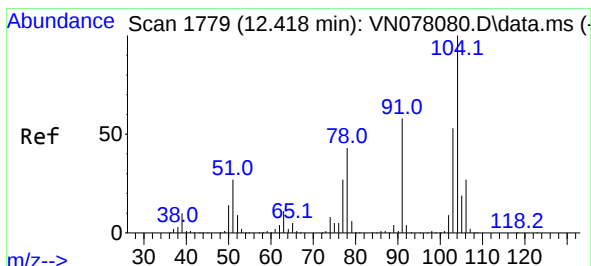
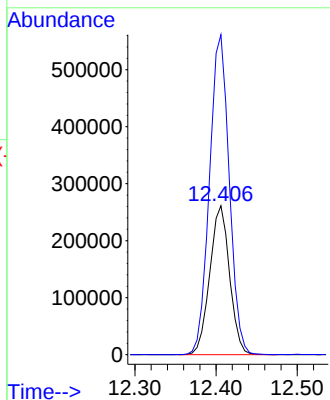
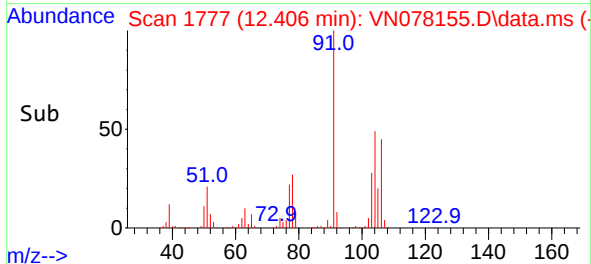
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



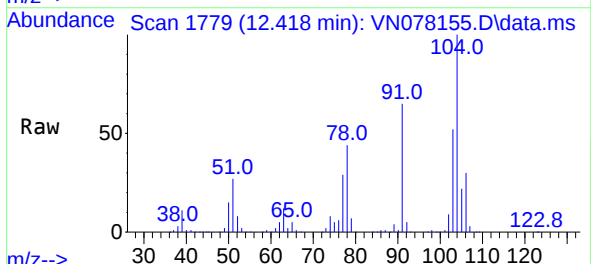
Tgt Ion:106 Resp: 442179
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.5

Manual Integrations
APPROVED

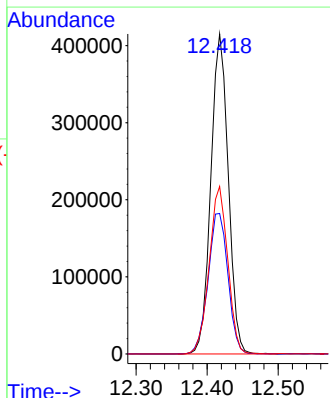
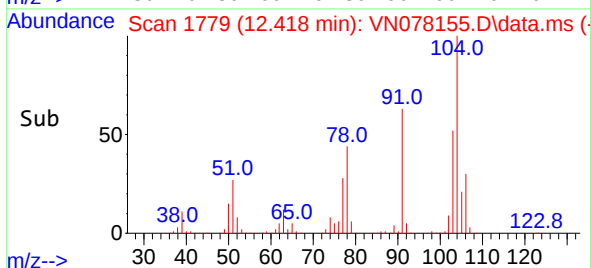
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

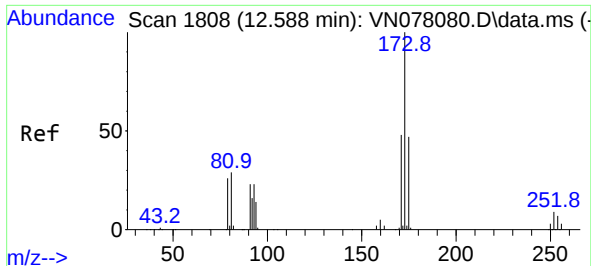


#70
Styrene
Concen: 51.631 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



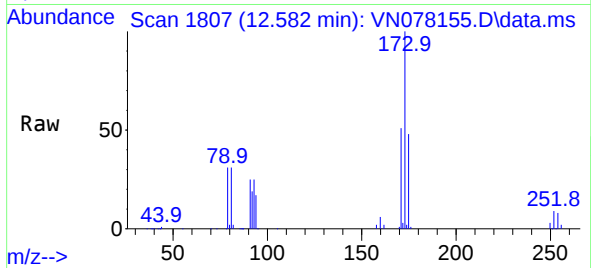
Tgt Ion:104 Resp: 706618
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 53.851 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

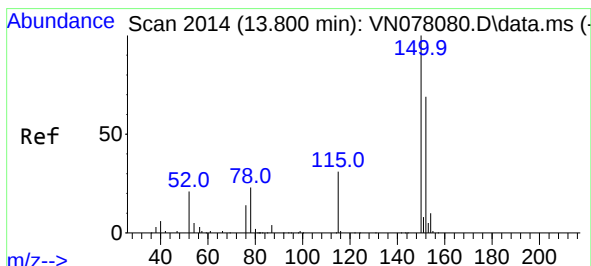
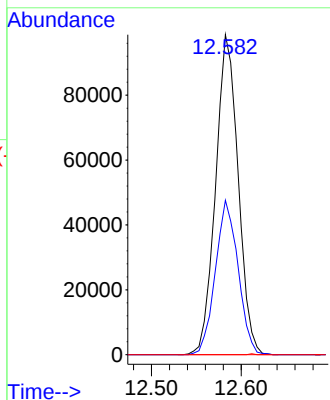
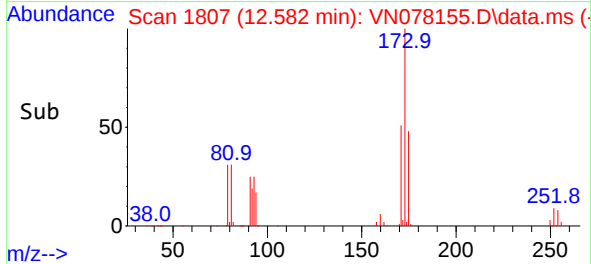
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



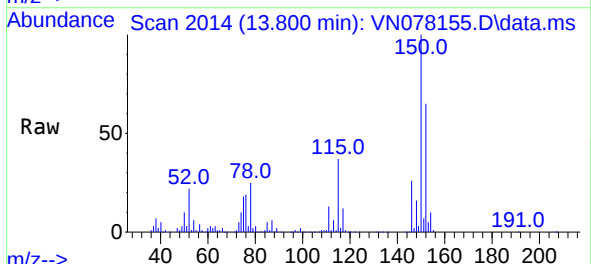
Tgt Ion:173 Resp: 17207
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

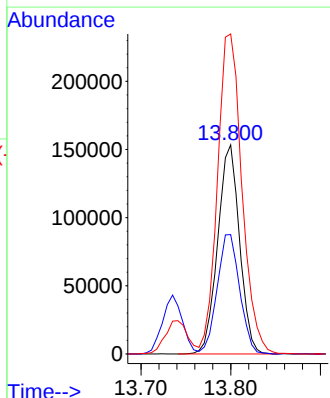
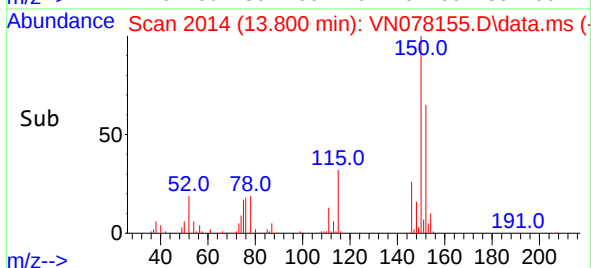
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

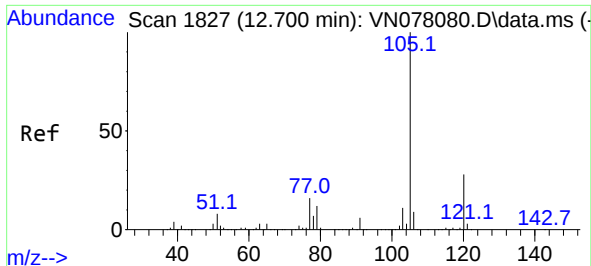


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



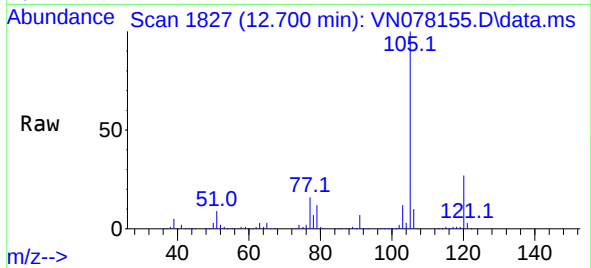
Tgt Ion:152 Resp: 258577
Ion Ratio Lower Upper
152 100
115 58.9 32.3 96.8
150 171.9 0.0 355.8





#73
Isopropylbenzene
Concen: 45.286 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

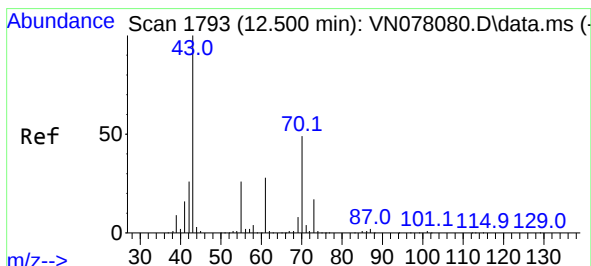
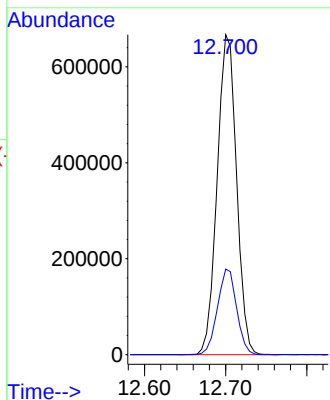
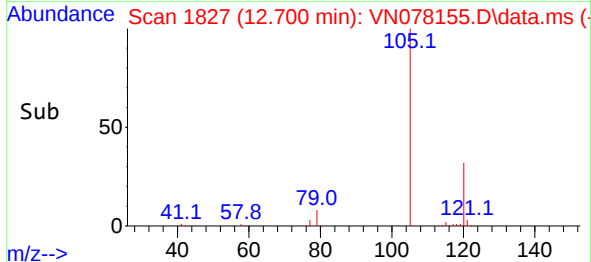
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



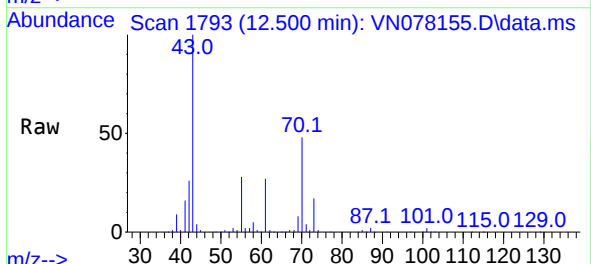
Tgt Ion:105 Resp: 1107330
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

Manual Integrations
APPROVED

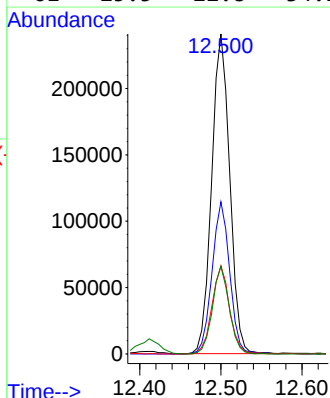
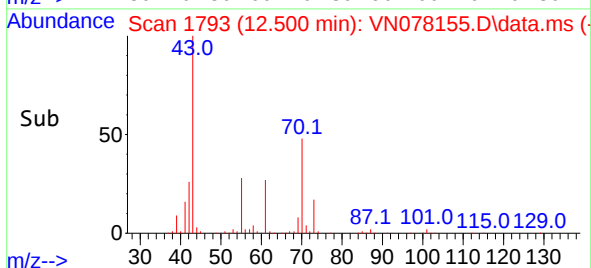
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

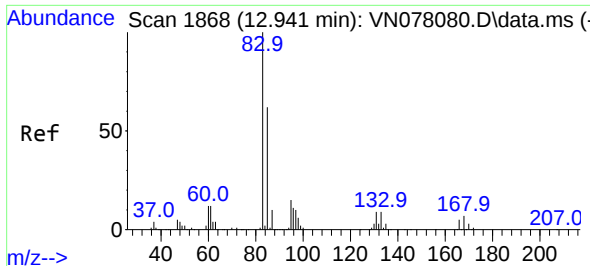


#74
N-ethyl acetate
Concen: 46.312 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



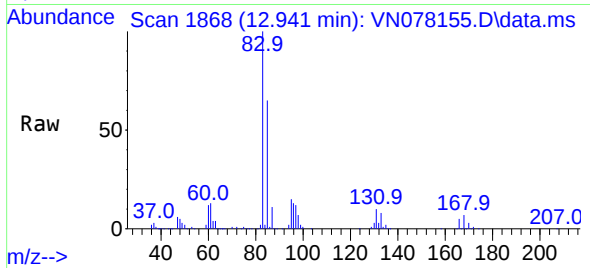
Tgt Ion: 43 Resp: 372905
Ion Ratio Lower Upper
43 100
70 46.5 43.4 65.2
55 26.8 21.4 32.0
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.733 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

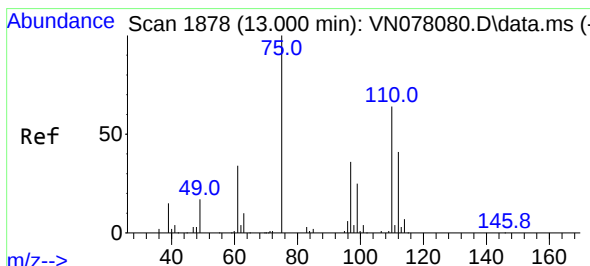
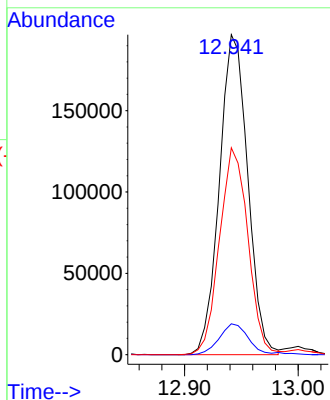
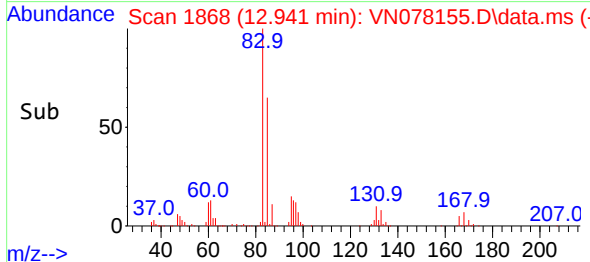
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



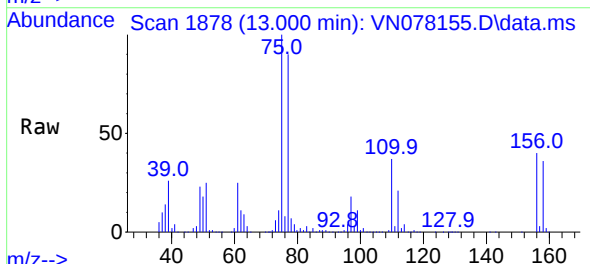
Tgt Ion: 83 Resp: 340954
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

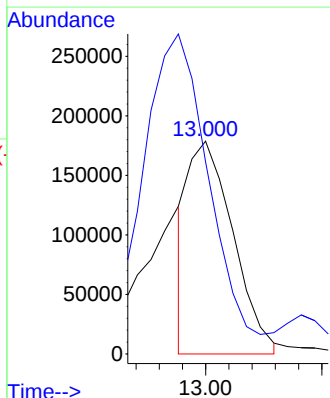
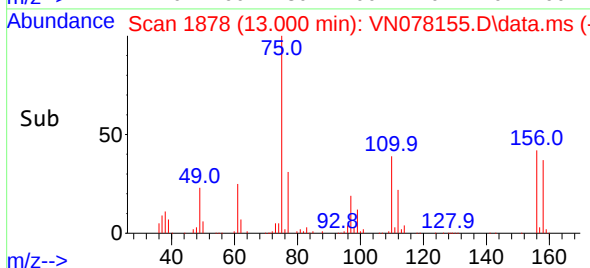
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

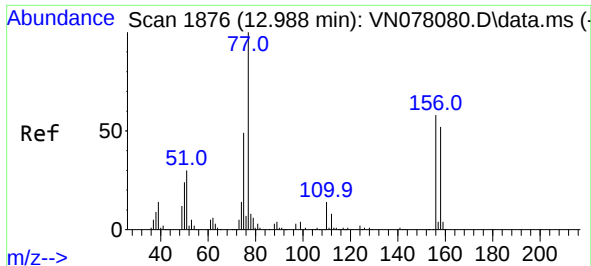


#76
1,2,3-Trichloropropane
Concen: 39.151 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



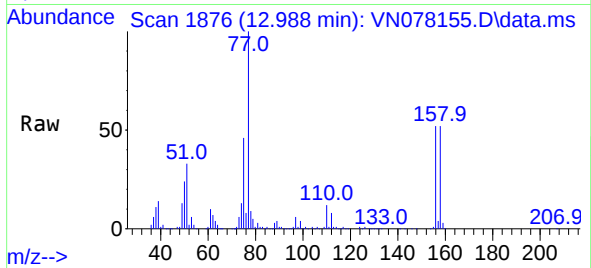
Tgt Ion: 75 Resp: 239326
Ion Ratio Lower Upper
75 100
77 224.1 84.5 253.5





#77
Bromobenzene
Concen: 43.718 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

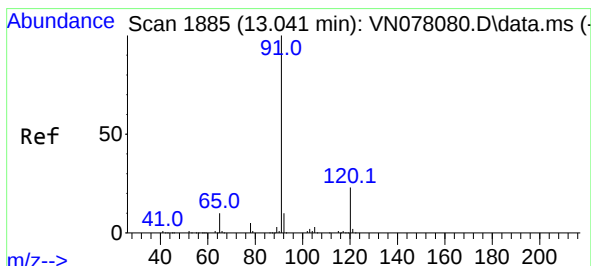
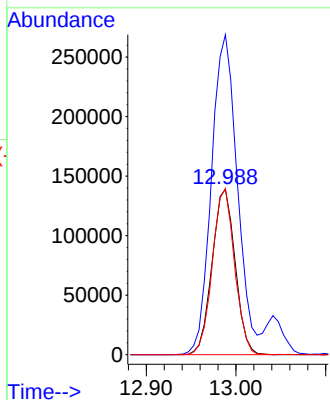
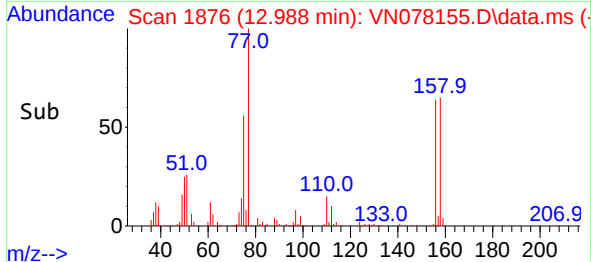
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



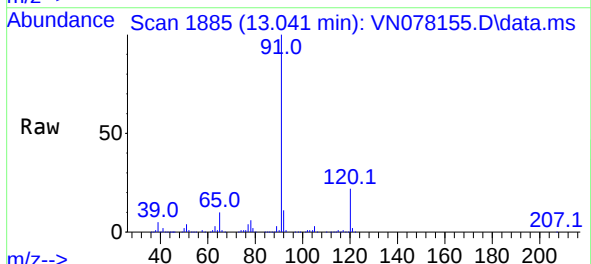
Tgt Ion:156 Resp: 24815
Ion Ratio Lower Upper
156 100
77 216.2 107.7 323.3
158 96.8 48.4 145.3

Manual Integrations
APPROVED

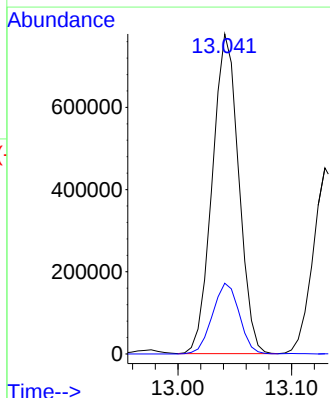
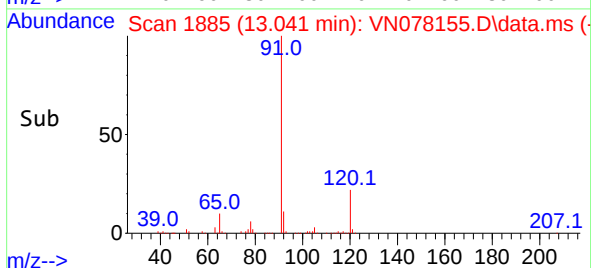
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

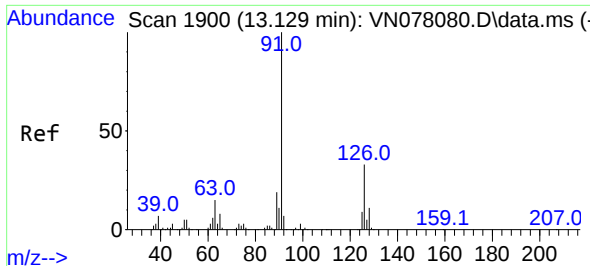


#78
n-propylbenzene
Concen: 47.341 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion: 91 Resp: 1257687
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





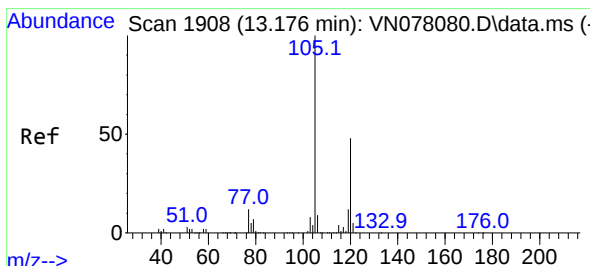
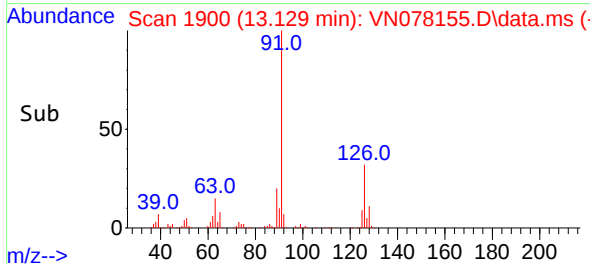
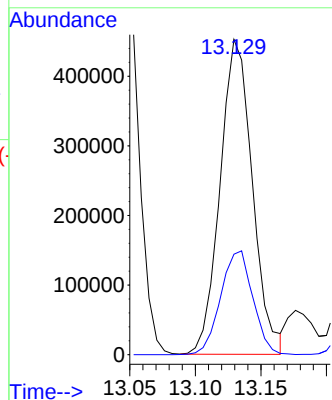
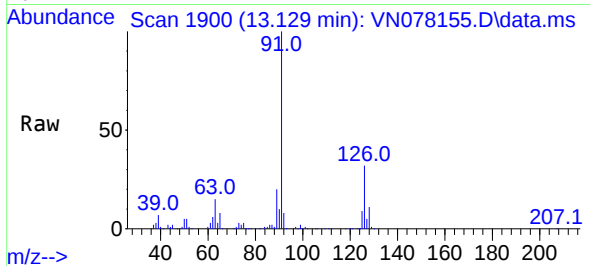
#79
2-Chlorotoluene
Concen: 45.214 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 775349
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

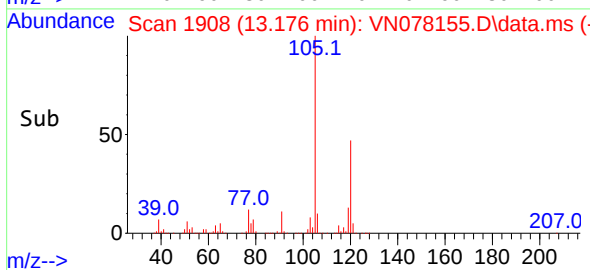
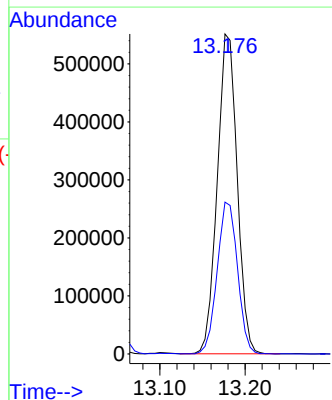
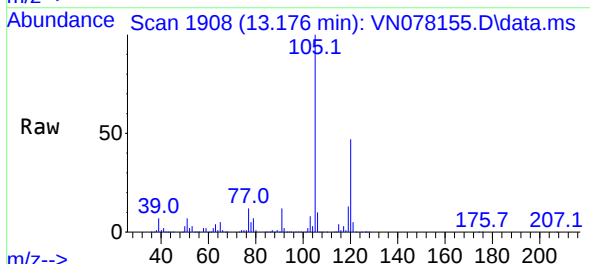
Manual Integrations
APPROVED

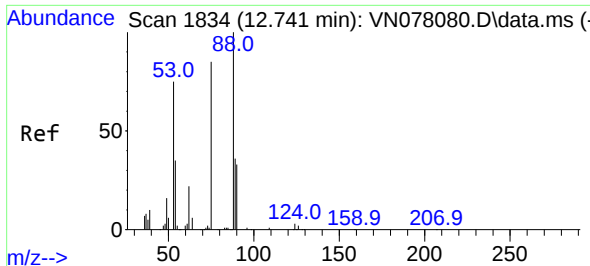
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.189 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

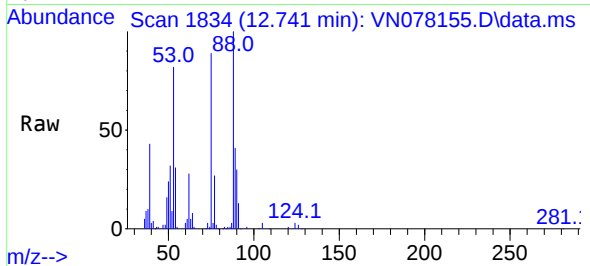
Tgt Ion:105 Resp: 894593
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.122 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

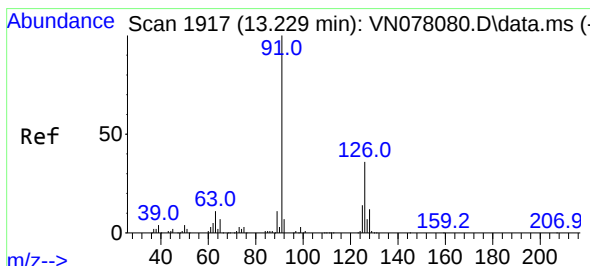
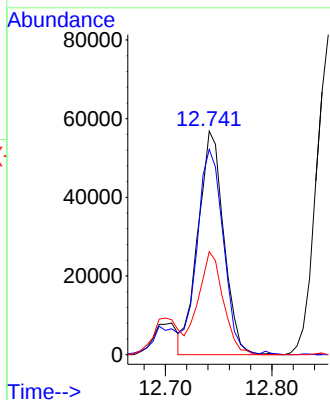
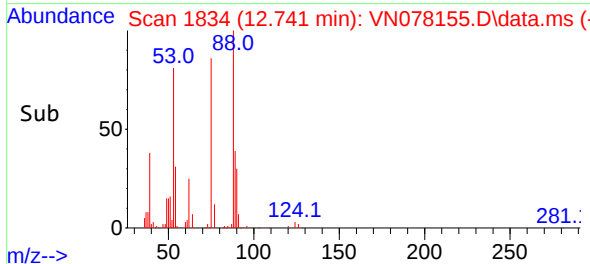
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



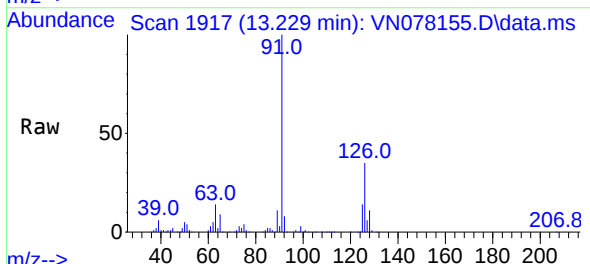
Tgt Ion: 75 Resp: 9574
Ion Ratio Lower Upper
75 100
53 92.8 67.4 101.2
89 44.3 38.8 58.2

Manual Integrations
APPROVED

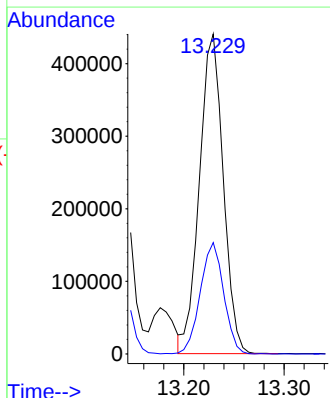
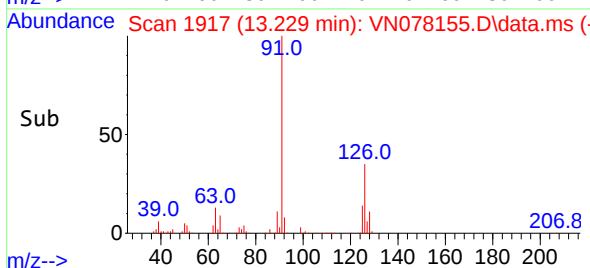
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

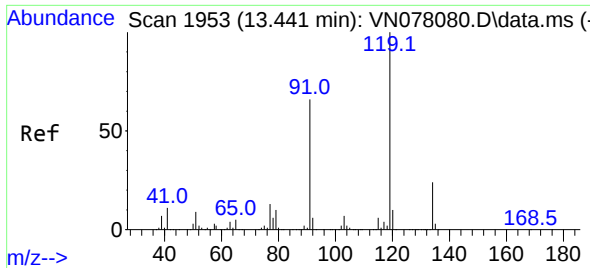


#82
4-Chlorotoluene
Concen: 45.446 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion: 91 Resp: 727355
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0





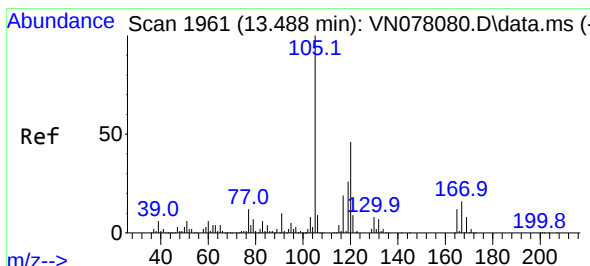
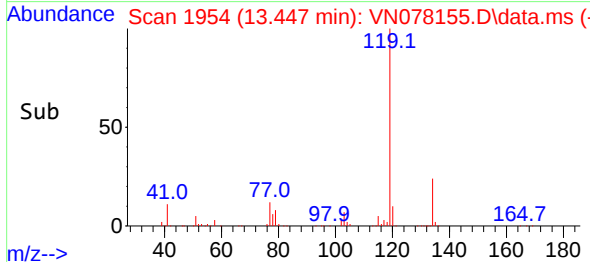
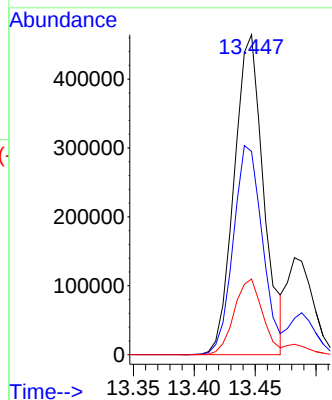
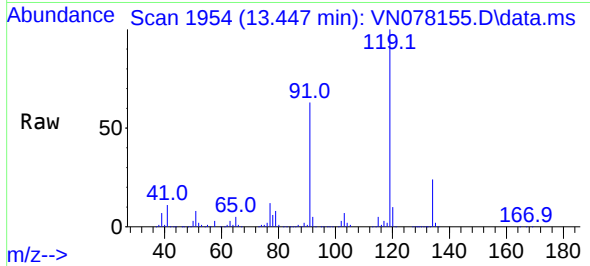
#83
tert-Butylbenzene
Concen: 45.415 ug/l
RT: 13.447 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 78152
Ion Ratio Lower Upper
119 100
91 64.7 33.9 101.7
134 23.4 13.2 39.6

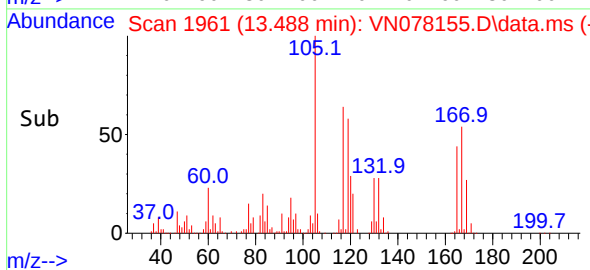
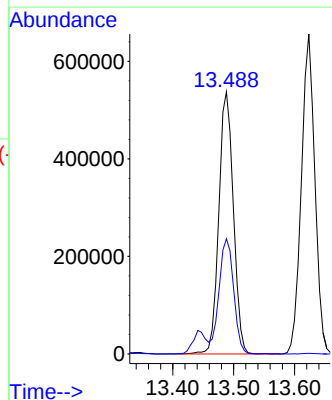
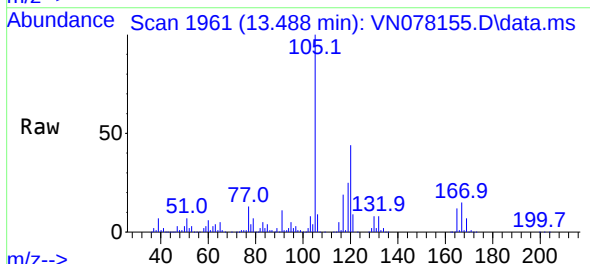
Manual Integrations
APPROVED

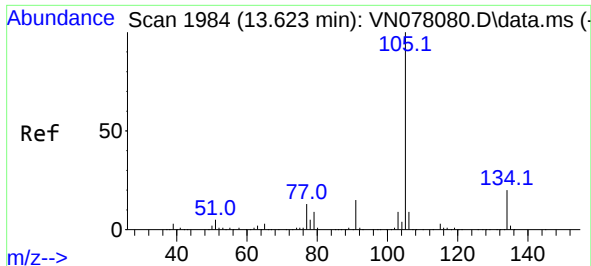
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.444 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

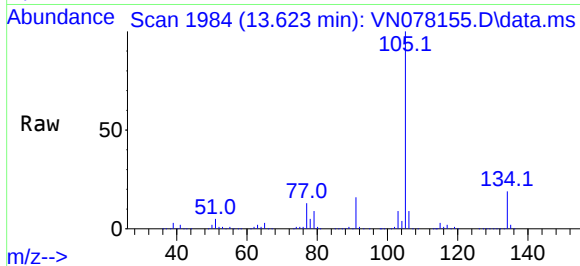
Tgt Ion:105 Resp: 891412
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 44.867 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078155.D
 Acq: 09 Jun 2023 18:59

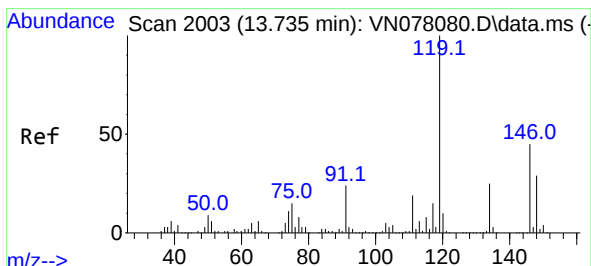
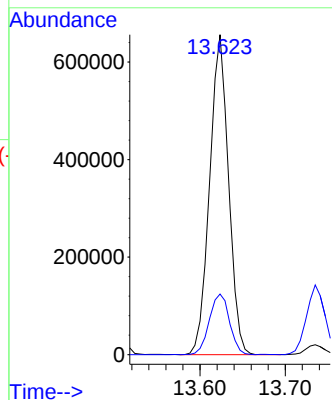
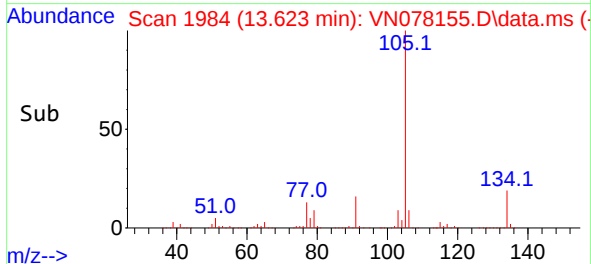
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



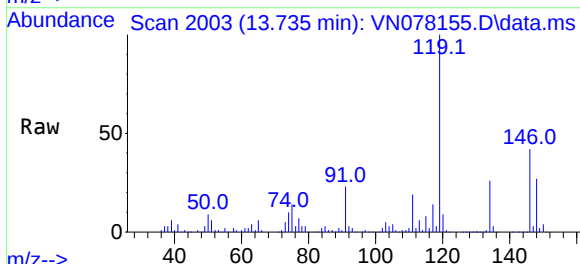
Tgt Ion:105 Resp: 101056
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

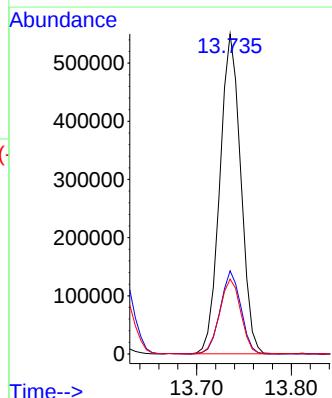
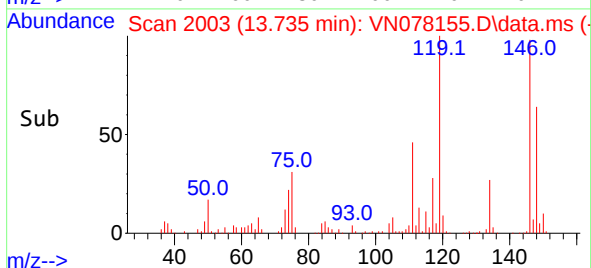
Reviewed By :John Carlone 06/12/2023
 Supervised By :Mahesh Dadoda 06/12/2023

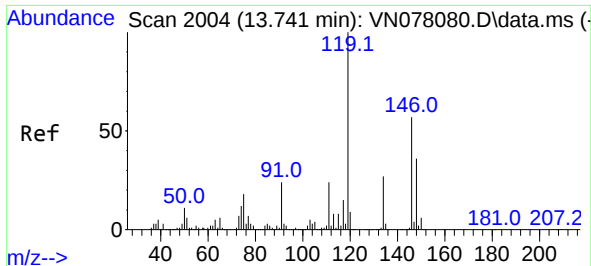


#86
 p-Isopropyltoluene
 Concen: 46.066 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078155.D
 Acq: 09 Jun 2023 18:59



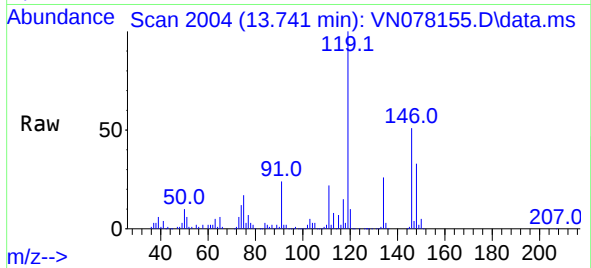
Tgt Ion:119 Resp: 841990
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 23.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 44.259 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

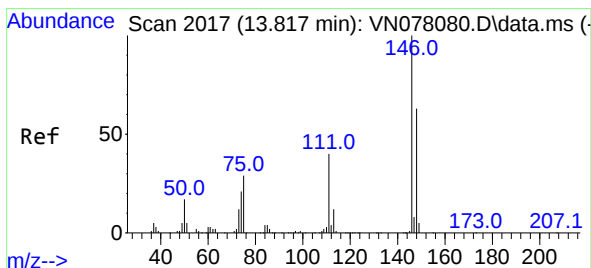
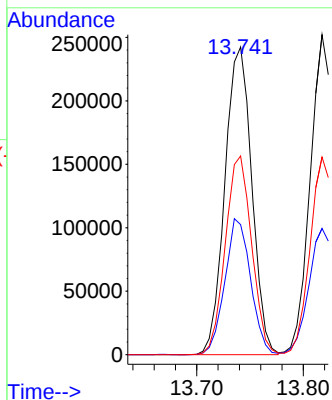
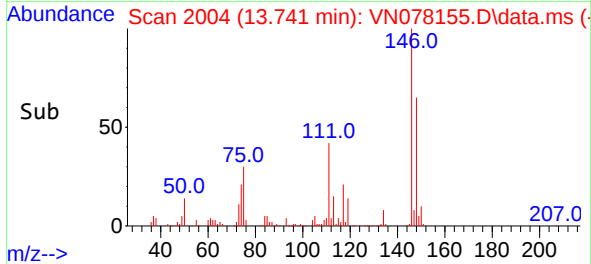
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



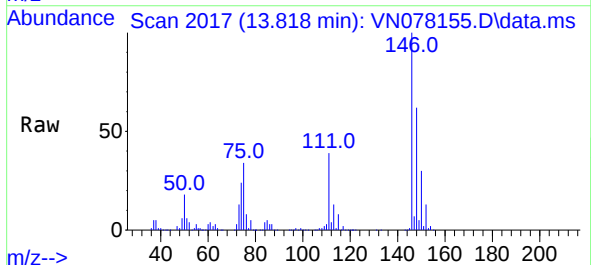
Tgt Ion:146 Resp: 42494
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.3
148 63.5 32.0 96.0

Manual Integrations
APPROVED

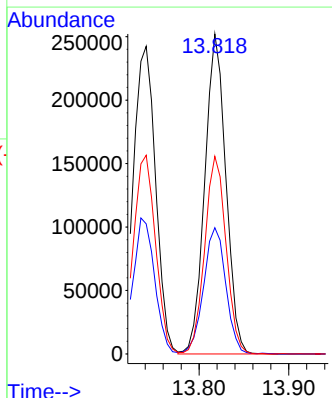
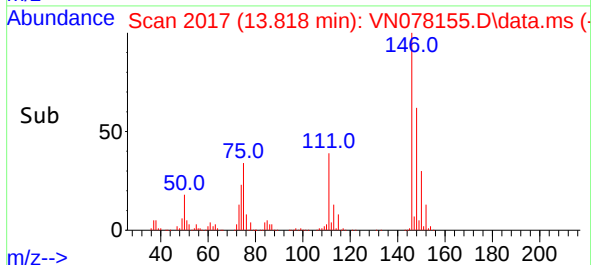
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

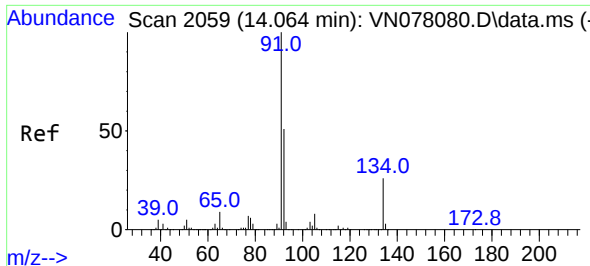


#88
1,4-Dichlorobenzene
Concen: 44.429 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion:146 Resp: 411623
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 62.4 31.6 94.8





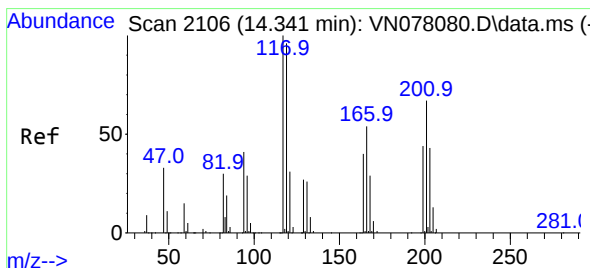
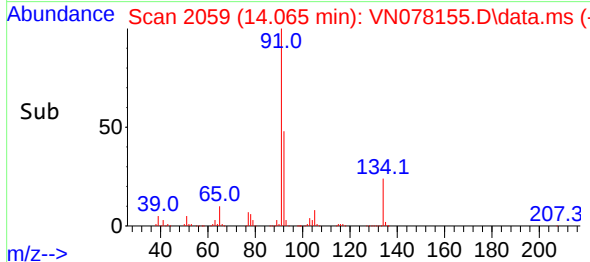
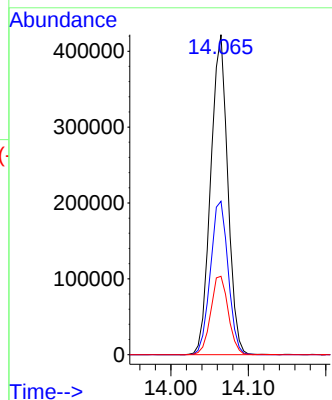
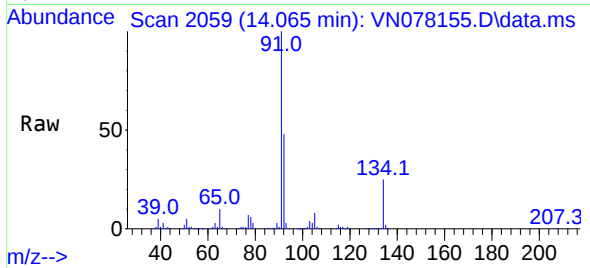
#89
n-Butylbenzene
Concen: 44.689 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 644272
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.0
134 25.3 12.6 37.6

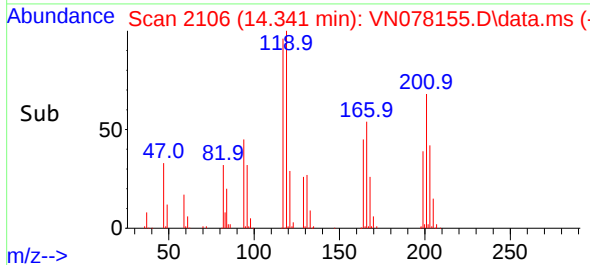
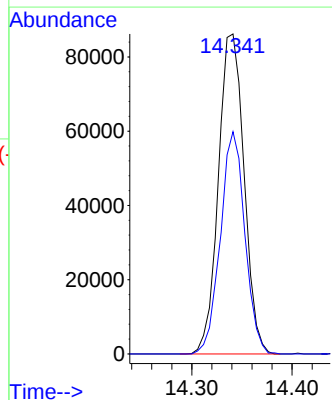
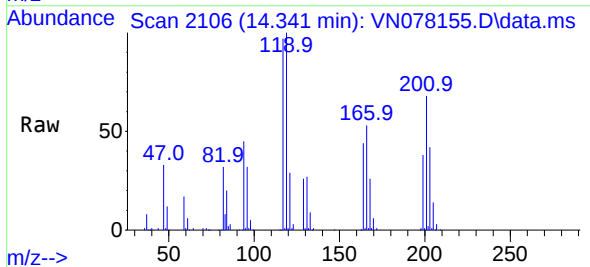
Manual Integrations
APPROVED

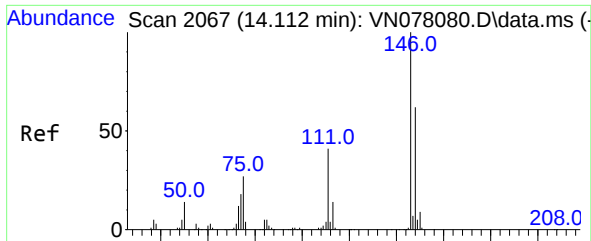
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#90
Hexachloroethane
Concen: 47.260 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

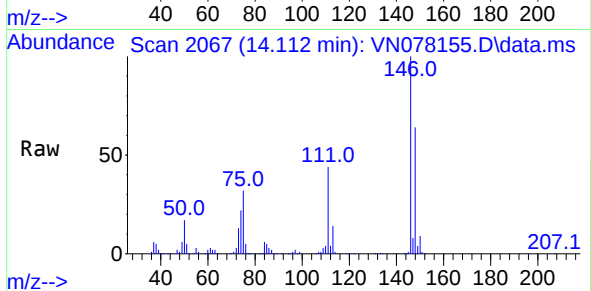
Tgt Ion:117 Resp: 153295
Ion Ratio Lower Upper
117 100
201 66.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 44.120 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

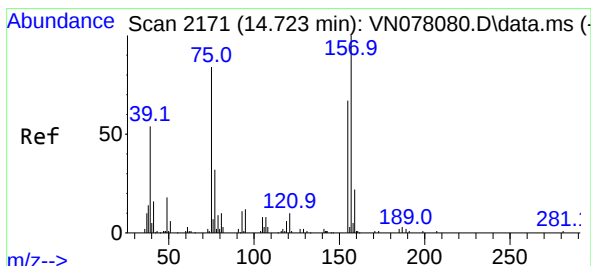
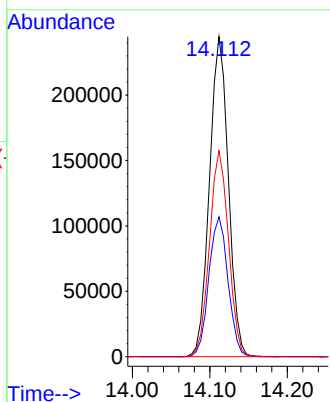
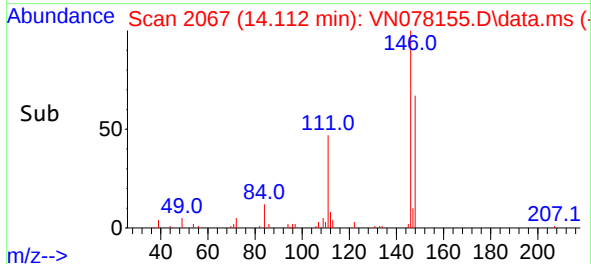
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



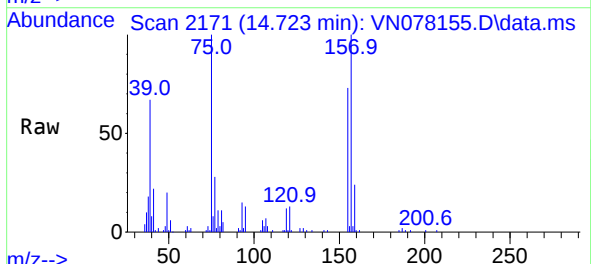
Tgt Ion:146 Resp: 414010
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 64.8 31.8 95.3

Manual Integrations
APPROVED

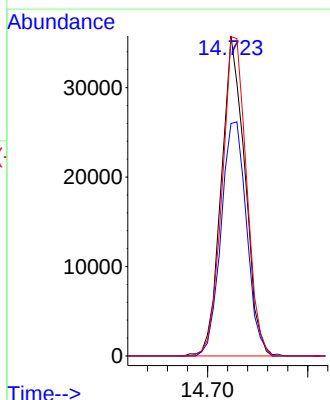
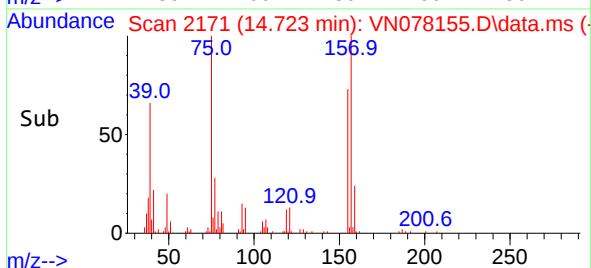
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

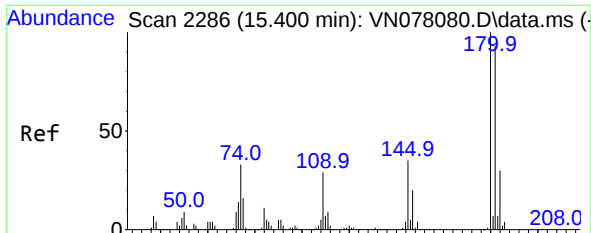


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.164 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



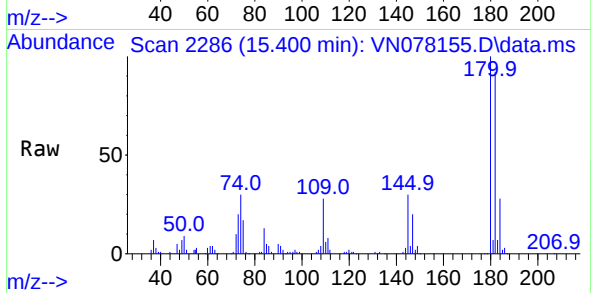
Tgt Ion: 75 Resp: 58334
Ion Ratio Lower Upper
75 100
155 79.2 39.1 117.2
157 103.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.281 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

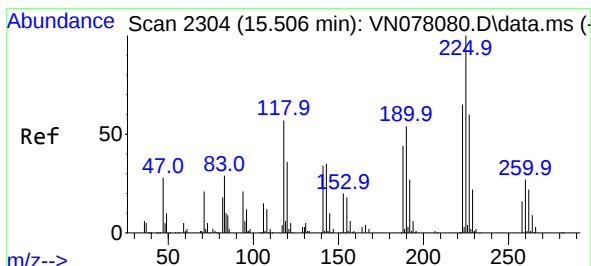
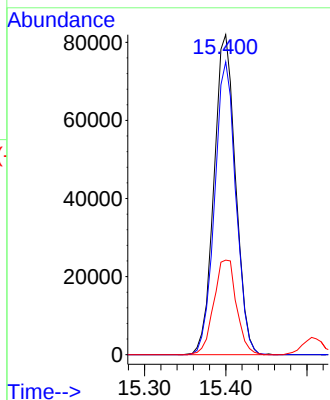
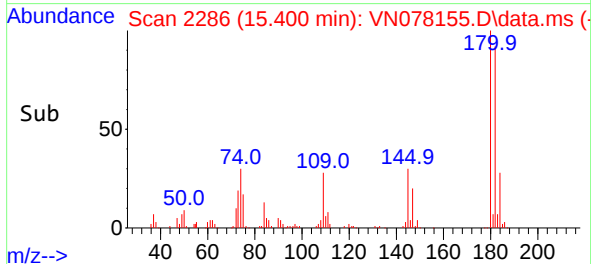
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



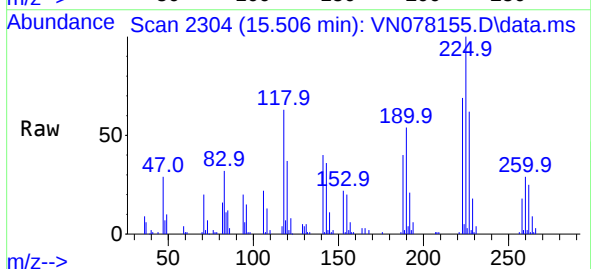
Tgt Ion:180 Resp: 151389
Ion Ratio Lower Upper
180 100
182 90.1 46.1 138.2
145 31.1 16.6 49.8

Manual Integrations
APPROVED

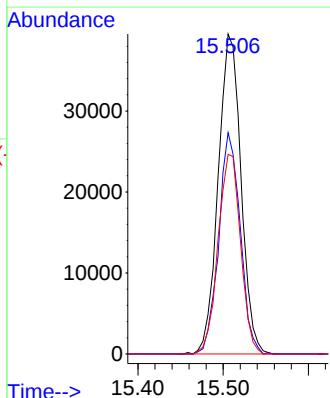
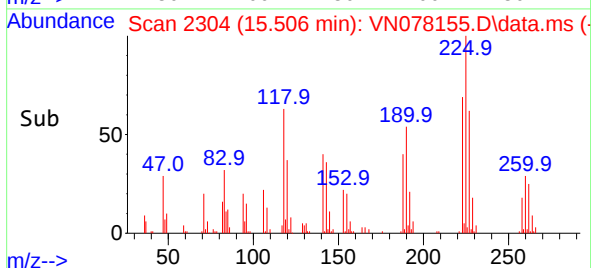
Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023

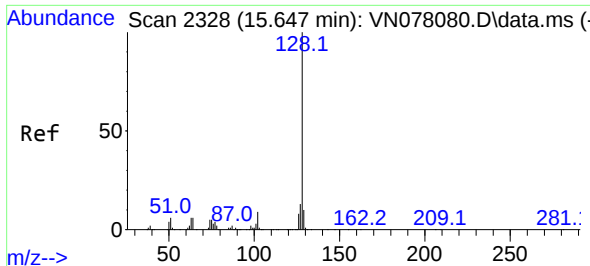


#94
Hexachlorobutadiene
Concen: 44.540 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



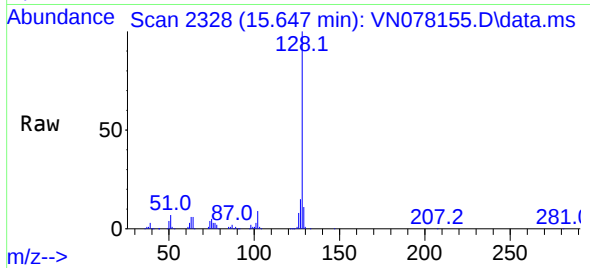
Tgt Ion:225 Resp: 73473
Ion Ratio Lower Upper
225 100
223 65.1 31.3 93.8
227 61.5 31.9 95.9





#95
Naphthalene
Concen: 40.591 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59

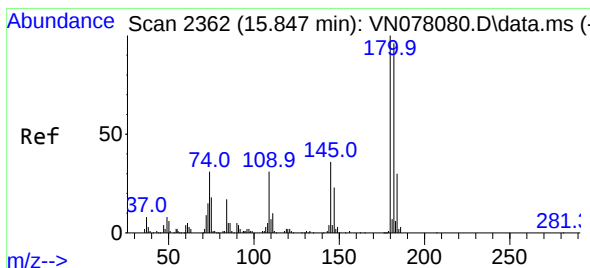
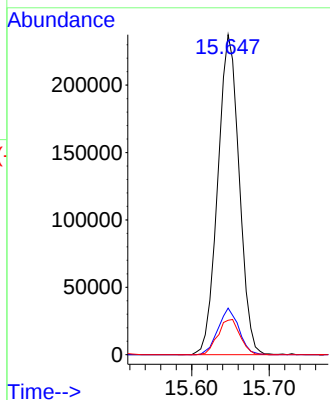
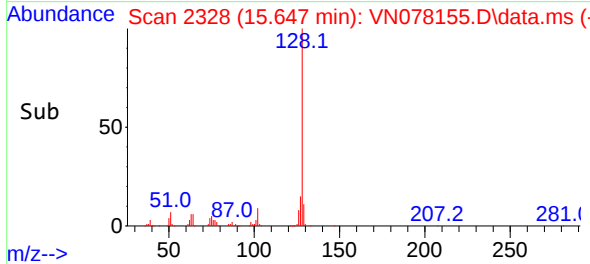
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



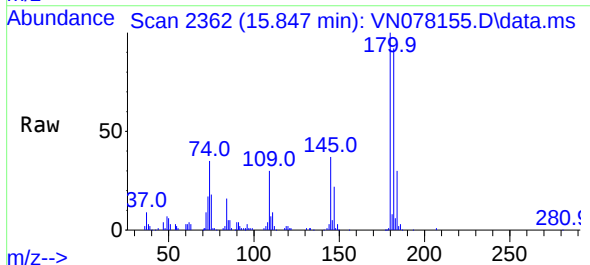
Tgt Ion:128 Resp: 456499
Ion Ratio Lower Upper
128 100
127 14.2 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2023
Supervised By :Mahesh Dadoda 06/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.175 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078155.D
Acq: 09 Jun 2023 18:59



Tgt Ion:180 Resp: 157702
Ion Ratio Lower Upper
180 100
182 91.1 46.2 138.6
145 34.0 17.5 52.6

