

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051724\
 Data File : VN082178.D
 Acq On : 17 May 2024 14:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 17 23:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	198814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156235	49.767	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.540%		
35) Dibromofluoromethane	8.165	113	107816	52.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.920%		
50) Toluene-d8	10.571	98	415916	52.780	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.847	95	149371	53.107	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136303	47.552	ug/l	98
3) Chloromethane	2.359	50	147532	45.416	ug/l	100
4) Vinyl Chloride	2.518	62	141904	46.466	ug/l	100
5) Bromomethane	2.953	94	71817	40.913	ug/l	97
6) Chloroethane	3.124	64	93649	46.963	ug/l	98
7) Trichlorofluoromethane	3.500	101	195933	48.995	ug/l	97
8) Diethyl Ether	3.959	74	69535	48.809	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	109641	46.934	ug/l	99
10) Methyl Iodide	4.589	142	103353	44.009	ug/l	95
11) Tert butyl alcohol	5.512	59	107912	214.140	ug/l	99
12) 1,1-Dichloroethene	4.342	96	104000	47.898	ug/l #	75
13) Acrolein	4.177	56	72898	195.211	ug/l	99
14) Allyl chloride	5.024	41	213723	45.975	ug/l #	90
15) Acrylonitrile	5.718	53	309837	237.401	ug/l	99
16) Acetone	4.424	43	275584	213.995	ug/l	90
17) Carbon Disulfide	4.712	76	315725	45.021	ug/l	100
18) Methyl Acetate	5.024	43	147446	45.974	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	390298	49.178	ug/l	93
20) Methylene Chloride	5.277	84	124517	47.923	ug/l #	73
21) trans-1,2-Dichloroethene	5.789	96	112137	47.392	ug/l #	79
22) Diisopropyl ether	6.671	45	479662	49.413	ug/l #	93
23) Vinyl Acetate	6.600	43	1899279	248.162	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	242341	48.436	ug/l	96
25) 2-Butanone	7.483	43	446295	228.574	ug/l #	83
26) 2,2-Dichloropropane	7.488	77	199729	47.659	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	137875	49.374	ug/l	81
28) Bromochloromethane	7.812	49	112759	51.947	ug/l #	72
29) Tetrahydrofuran	7.835	42	297522	237.329	ug/l #	82
30) Chloroform	7.965	83	235156	49.217	ug/l	99
31) Cyclohexane	8.259	56	219841	43.845	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	209791	49.493	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	169705	49.229	ug/l	97
37) Ethyl Acetate	7.559	43	191275	49.581	ug/l #	93
38) Carbon Tetrachloride	8.359	117	179781	51.447	ug/l	98
39) Methylcyclohexane	9.600	83	193217	51.134	ug/l #	86
40) Benzene	8.606	78	520252	50.610	ug/l	98

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 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/20/2024
 Supervised By : Mahesh Dadoda 05/20/2024

Quant Time: May 17 23:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	111709	49.236	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	196658	49.742	ug/l	95
43) Isopropyl Acetate	8.688	43	345776	50.583	ug/l #	89
44) Trichloroethene	9.353	130	115175	49.324	ug/l	94
45) 1,2-Dichloropropane	9.624	63	134665	50.773	ug/l	99
46) Dibromomethane	9.712	93	85851	49.303	ug/l	97
47) Bromodichloromethane	9.888	83	188625	51.312	ug/l	99
48) Methyl methacrylate	9.682	41	160121	49.158	ug/l #	82
49) 1,4-Dioxane	9.694	88	43007	942.234	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	978919	252.044	ug/l	89
52) Toluene	10.629	92	320085	51.887	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	199953	52.593	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	209465	52.050	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	113441	50.603	ug/l	99
56) Ethyl methacrylate	10.876	69	200553	52.692	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	212338	50.658	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	529139	269.528	ug/l	90
59) 2-Hexanone	11.194	43	719703	253.075	ug/l	88
60) Dibromochloromethane	11.359	129	135612	54.815	ug/l	99
61) 1,2-Dibromoethane	11.471	107	115485	50.153	ug/l	100
64) Tetrachloroethene	11.106	164	111794	49.256	ug/l	96
65) Chlorobenzene	11.894	112	335975	49.666	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	116824	52.429	ug/l	99
67) Ethyl Benzene	11.965	91	632512	52.269	ug/l	97
68) m/p-Xylenes	12.071	106	469238	105.801	ug/l	94
69) o-Xylene	12.400	106	222630	51.821	ug/l	89
70) Styrene	12.412	104	387310	54.276	ug/l	96
71) Bromoform	12.582	173	86011	48.553	ug/l #	99
73) Isopropylbenzene	12.694	105	586813	50.045	ug/l	98
74) N-amyl acetate	12.494	43	303864	47.112	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	157824	46.692	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	148968m	47.953	ug/l	
77) Bromobenzene	12.982	156	134159	48.010	ug/l	88
78) n-propylbenzene	13.035	91	713384	51.378	ug/l	96
79) 2-Chlorotoluene	13.123	91	426849	48.956	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	484471	51.097	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	68939	51.905	ug/l #	79
82) 4-Chlorotoluene	13.223	91	426953	50.083	ug/l	94
83) tert-Butylbenzene	13.441	119	417914	50.383	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	494813	51.011	ug/l	96
85) sec-Butylbenzene	13.617	105	587588	51.107	ug/l	98
86) p-Isopropyltoluene	13.729	119	488344	52.264	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	252102	49.797	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	251205	48.617	ug/l	98
89) n-Butylbenzene	14.059	91	439930	52.383	ug/l	98
90) Hexachloroethane	14.335	117	89606	51.760	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	237911	49.647	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	33233	47.854	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	137265	51.101	ug/l	99
94) Hexachlorobutadiene	15.506	225	54996	46.660	ug/l	97
95) Naphthalene	15.641	128	429956	51.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	134514	50.023	ug/l	97

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VSTDCCC050

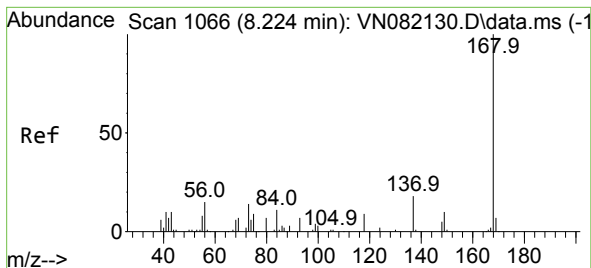
Manual Integrations
APPROVED

Reviewed By : John Carlone 05/20/2024
Supervised By : Mahesh Dadoda 05/20/2024

Quant Time: May 17 23:09:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 198814

Ion Ratio Lower Upper

168 100

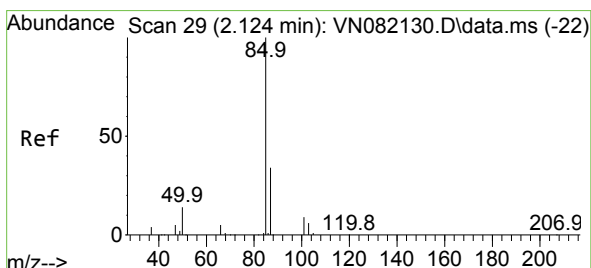
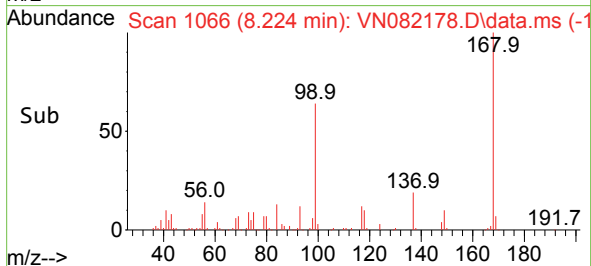
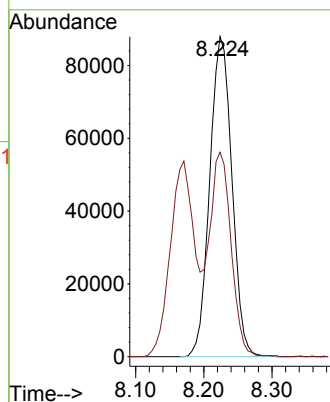
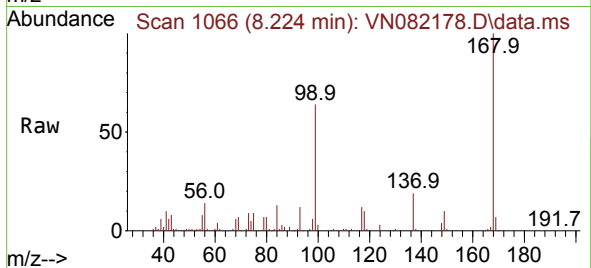
99 63.9 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#2

Dichlorodifluoromethane

Concen: 47.552 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN082178.D

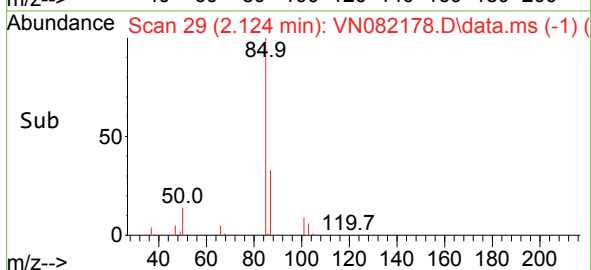
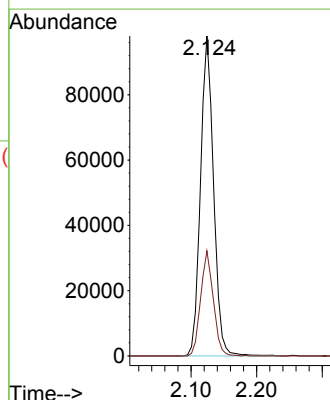
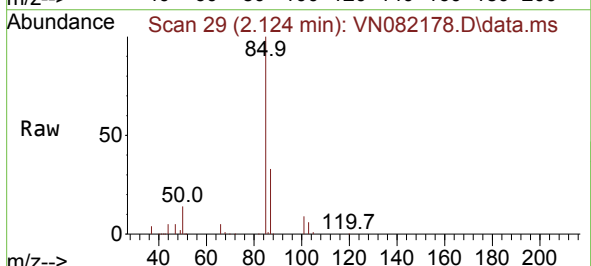
Acq: 17 May 2024 14:42

Tgt Ion: 85 Resp: 136303

Ion Ratio Lower Upper

85 100

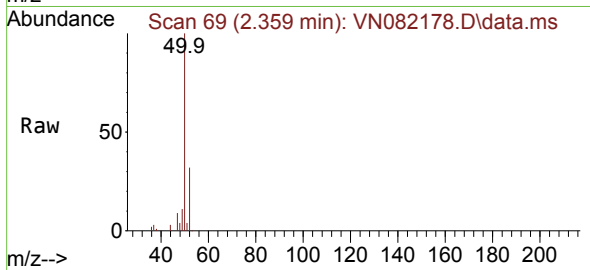
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 45.416 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

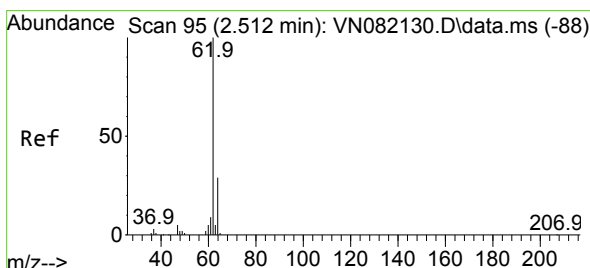
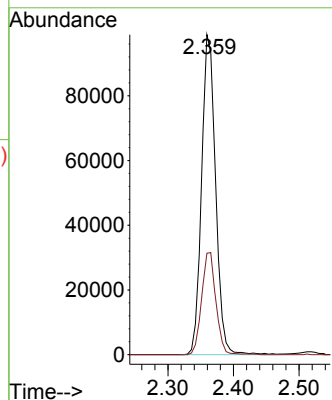
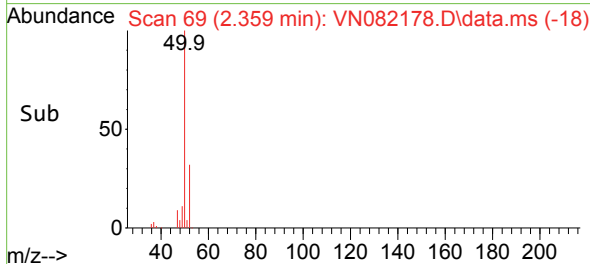
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 14753
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

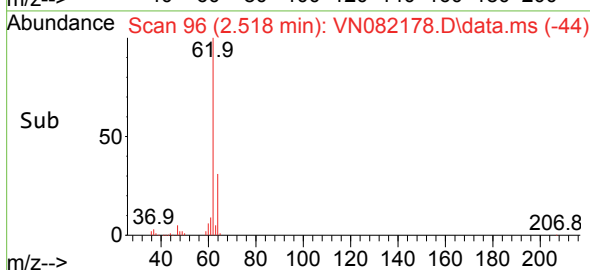
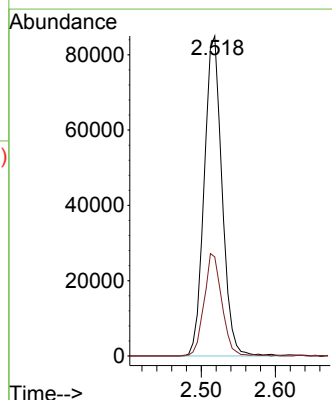
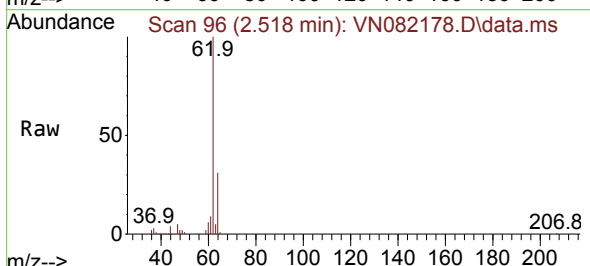
Manual Integrations
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Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#4
Vinyl Chloride
Concen: 46.466 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

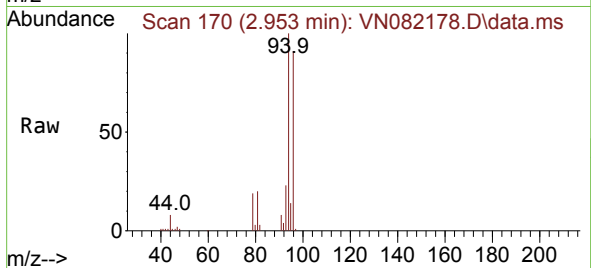
Tgt Ion: 62 Resp: 141904
Ion Ratio Lower Upper
62 100
64 30.9 24.6 37.0





#5
Bromomethane
Concen: 40.913 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

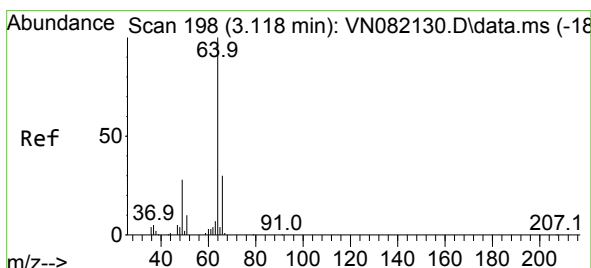
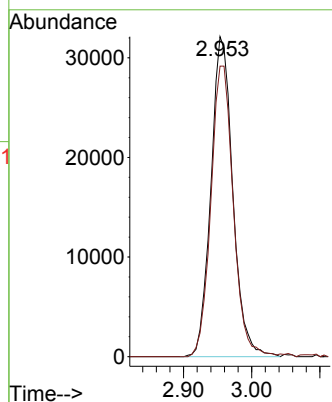
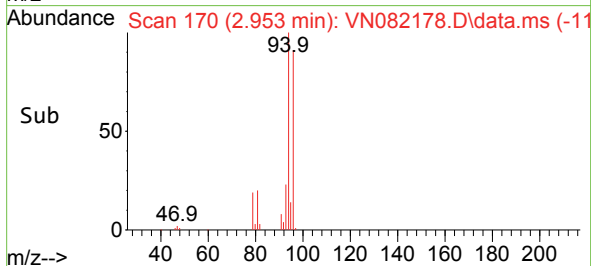
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 7181
Ion Ratio Lower Upper
94 100
96 90.8 74.8 112.2

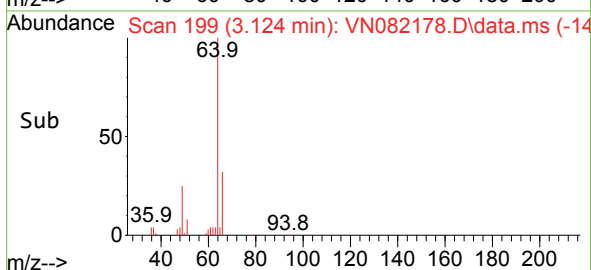
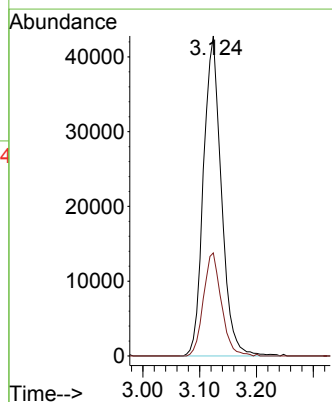
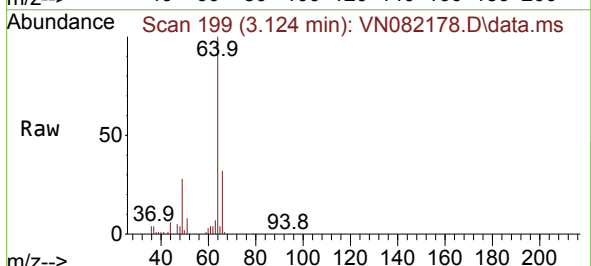
Manual Integrations
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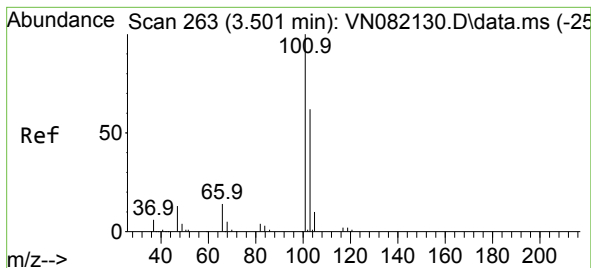
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#6
Chloroethane
Concen: 46.963 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Tgt Ion: 64 Resp: 93649
Ion Ratio Lower Upper
64 100
66 32.2 24.7 37.1





#7

Trichlorofluoromethane

Concen: 48.995 ug/l

RT: 3.500 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 19593

Ion Ratio Lower Upper

101 100

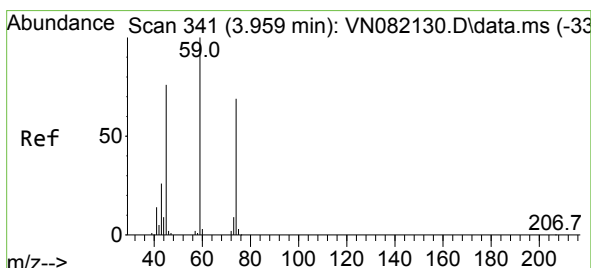
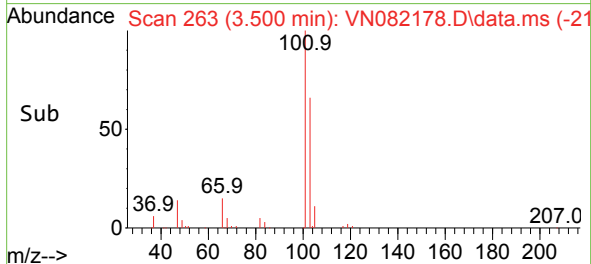
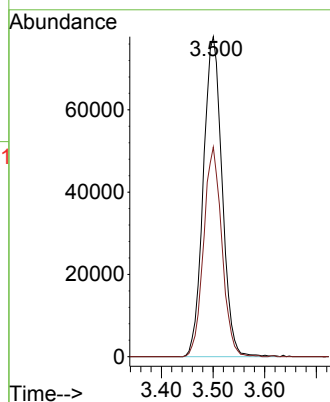
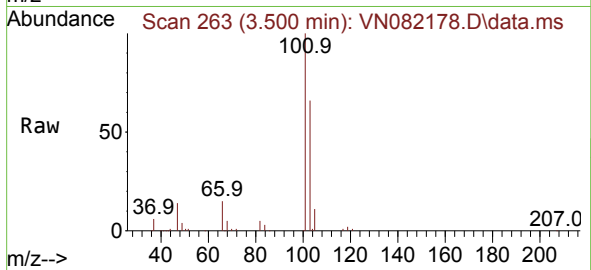
103 65.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#8

Diethyl Ether

Concen: 48.809 ug/l

RT: 3.959 min Scan# 341

Delta R.T. -0.000 min

Lab File: VN082178.D

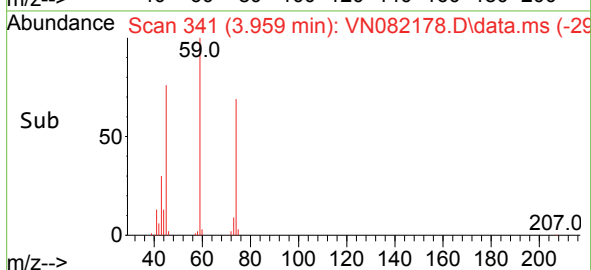
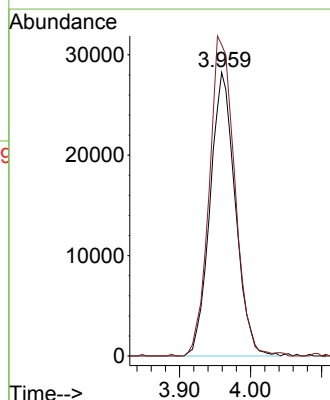
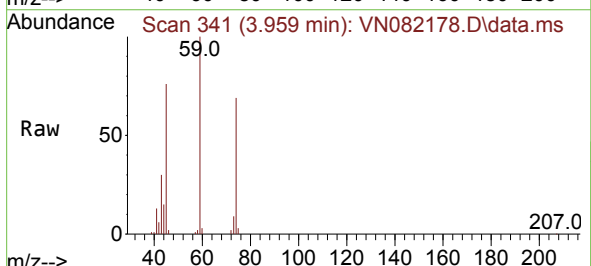
Acq: 17 May 2024 14:42

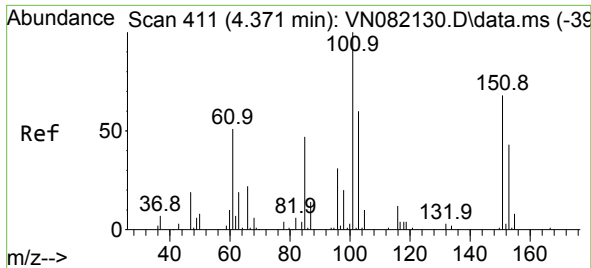
Tgt Ion: 74 Resp: 69535

Ion Ratio Lower Upper

74 100

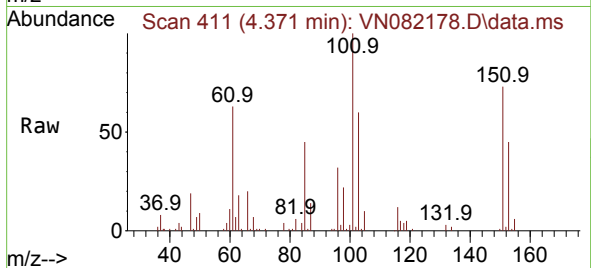
45 114.6 42.4 127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.934 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

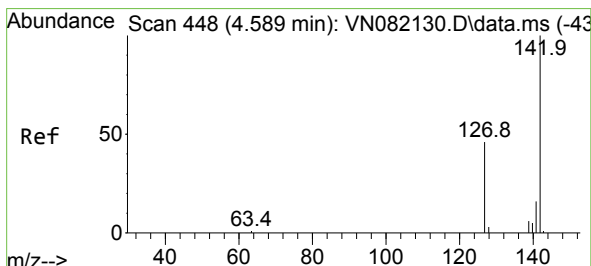
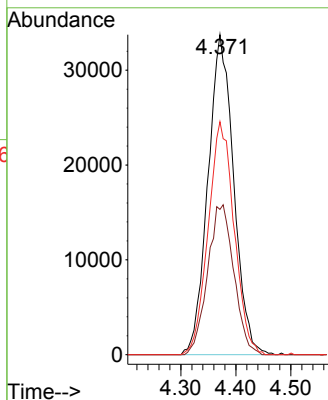
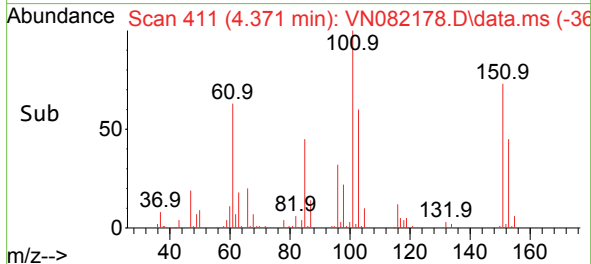
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



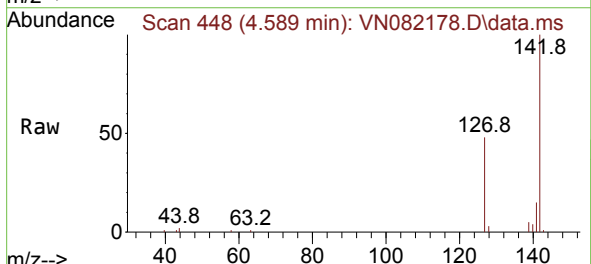
Tgt Ion:101 Resp: 10964
Ion Ratio Lower Upper
101 100
85 47.8 37.3 55.9
151 73.4 59.2 88.8

Manual Integrations
APPROVED

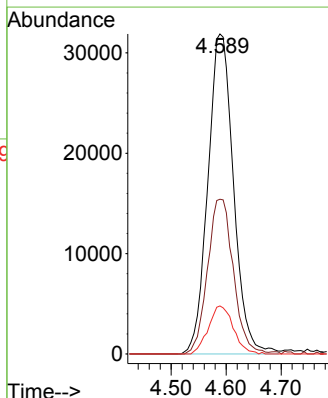
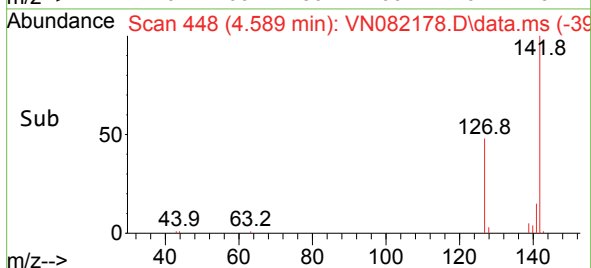
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#10
Methyl Iodide
Concen: 44.009 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



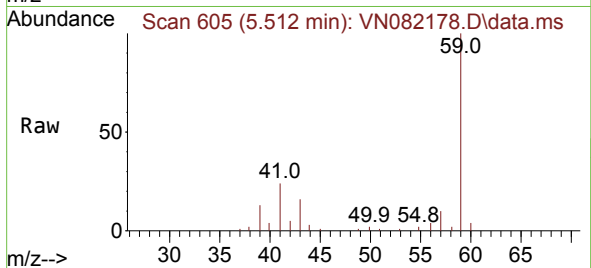
Tgt Ion:142 Resp: 103353
Ion Ratio Lower Upper
142 100
127 48.4 35.8 53.6
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 214.140 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

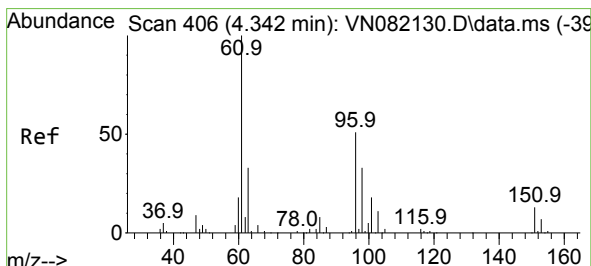
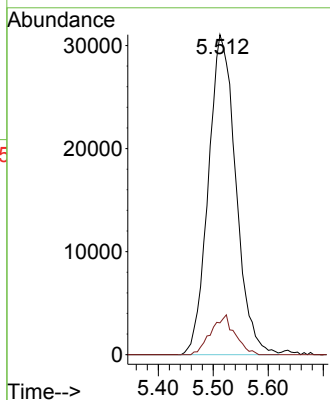
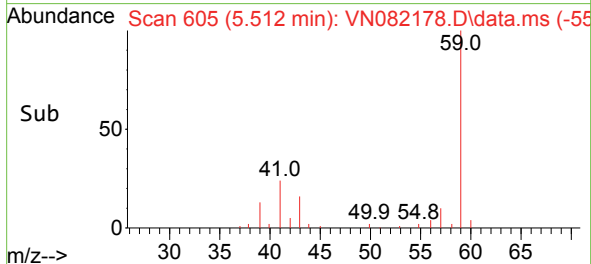
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



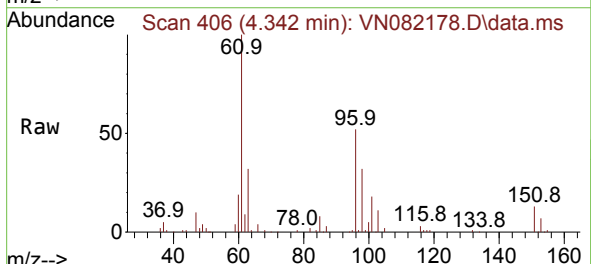
Tgt Ion: 59 Resp: 107912
Ion Ratio Lower Upper
59 100
57 10.8 8.9 13.3

Manual Integrations
APPROVED

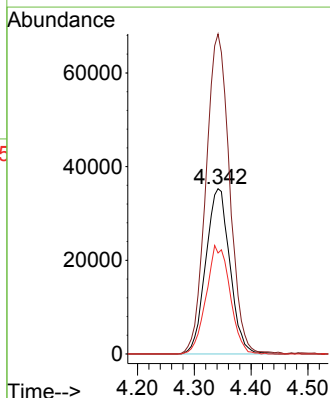
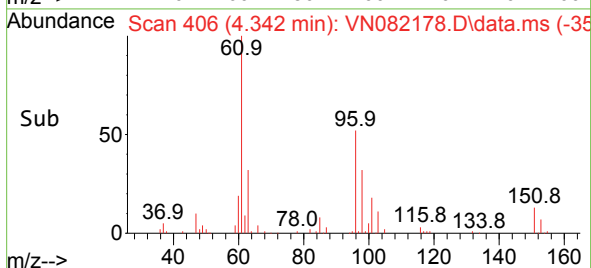
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

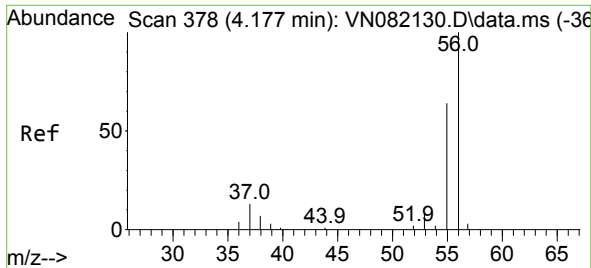


#12
1,1-Dichloroethene
Concen: 47.898 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



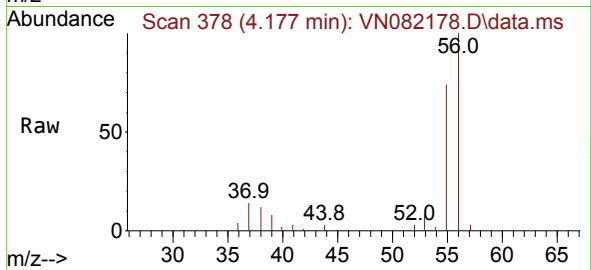
Tgt Ion: 96 Resp: 104000
Ion Ratio Lower Upper
96 100
61 193.6 119.7 179.5#
98 61.1 49.6 74.4





#13
Acrolein
Concen: 195.211 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

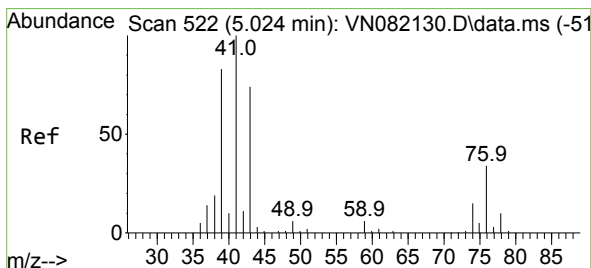
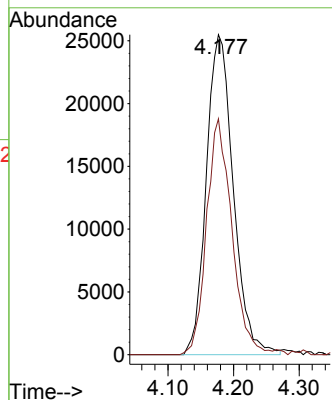
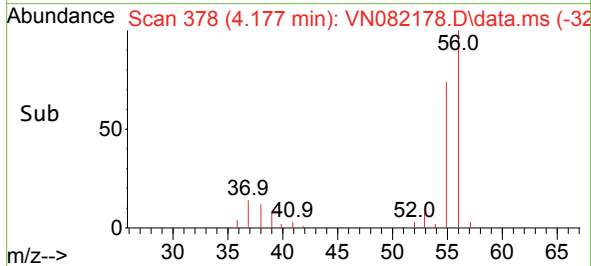
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 72898
Ion Ratio Lower Upper
56 100
55 69.0 55.8 83.8

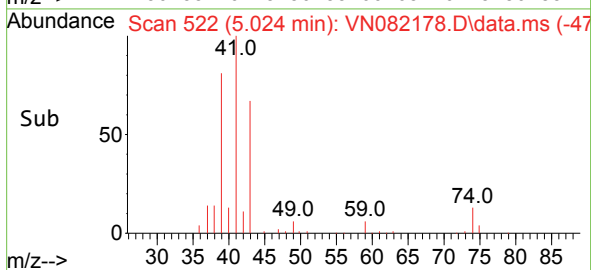
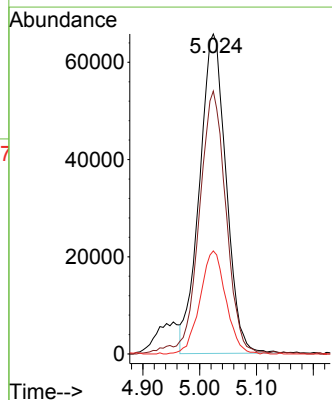
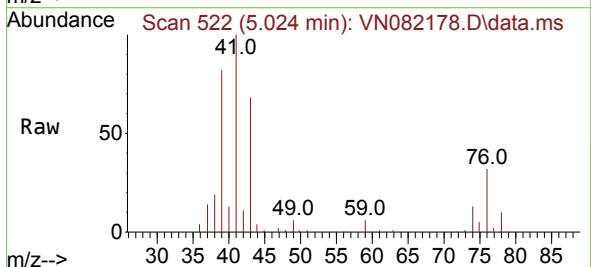
Manual Integrations
APPROVED

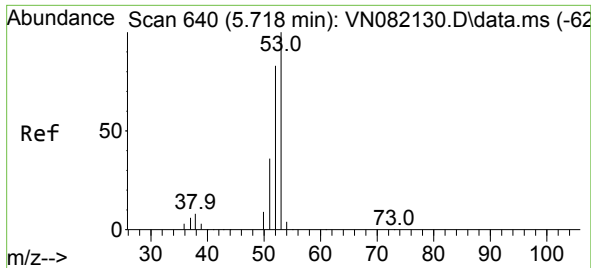
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#14
Allyl chloride
Concen: 45.975 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

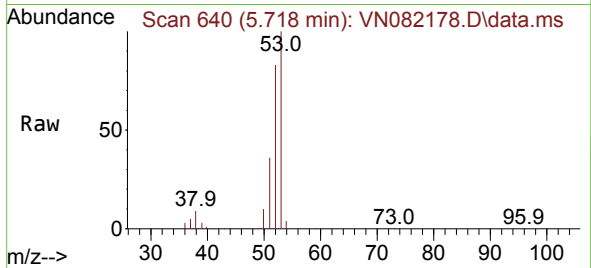
Tgt Ion: 41 Resp: 213723
Ion Ratio Lower Upper
41 100
39 83.4 65.4 98.0
76 31.3 37.3 55.9#





#15
Acrylonitrile
Concen: 237.401 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

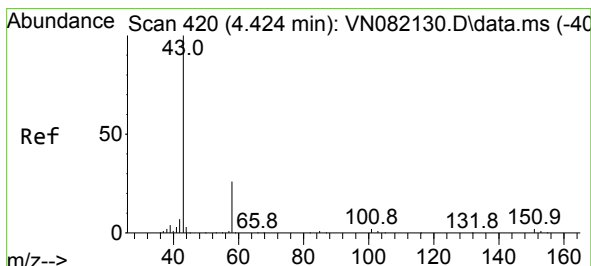
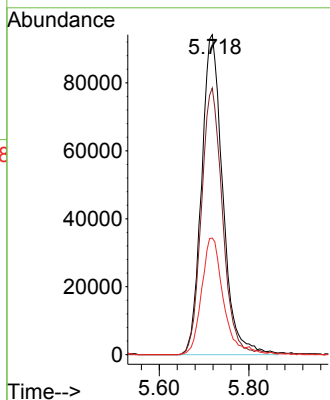
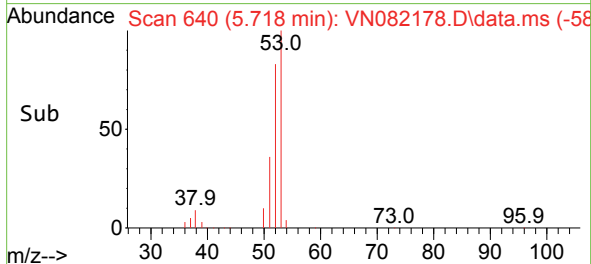
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



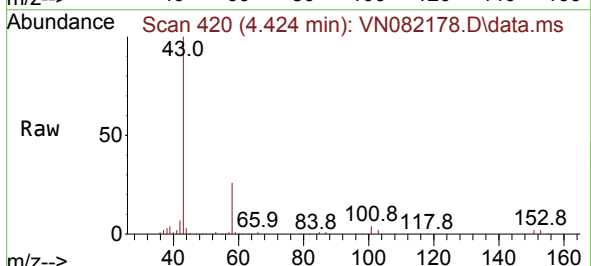
Tgt Ion: 53 Resp: 30983
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 37.6 29.4 44.2

Manual Integrations
APPROVED

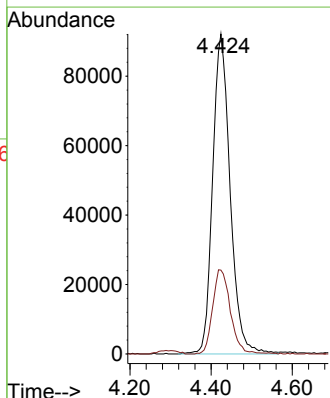
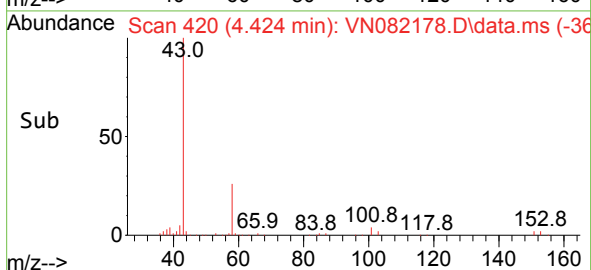
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

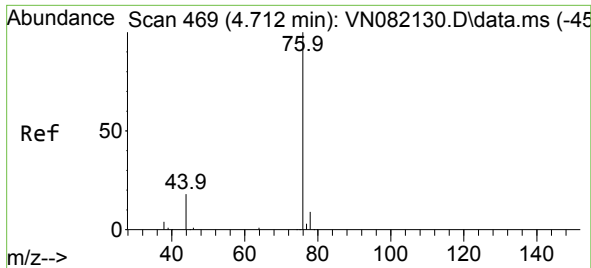


#16
Acetone
Concen: 213.995 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



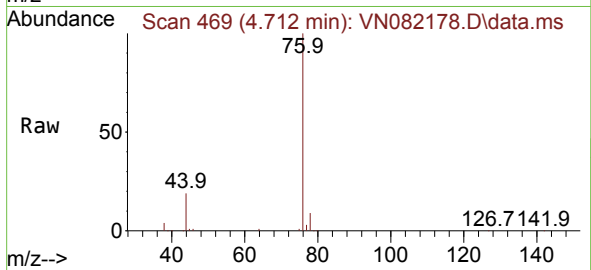
Tgt Ion: 43 Resp: 275584
Ion Ratio Lower Upper
43 100
58 26.2 25.2 37.8





#17
Carbon Disulfide
Concen: 45.021 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

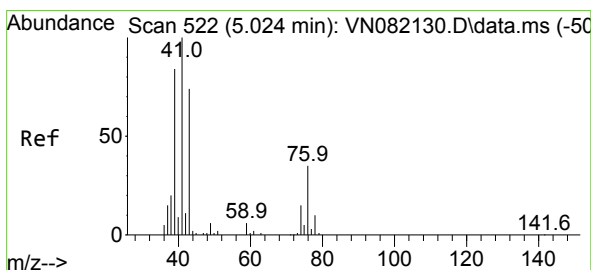
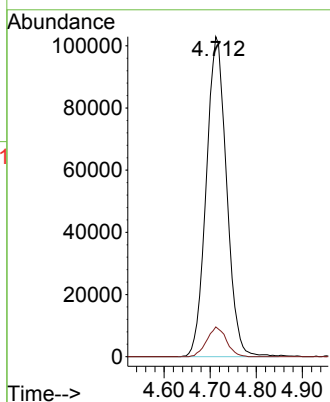
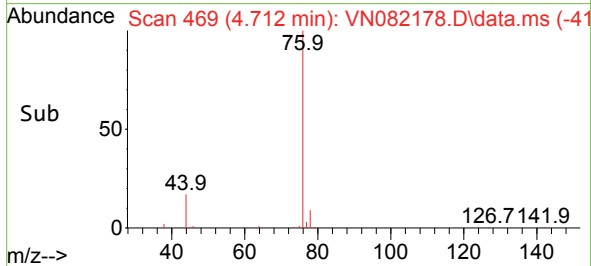
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 315725
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

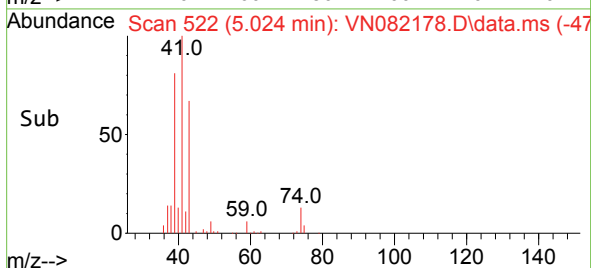
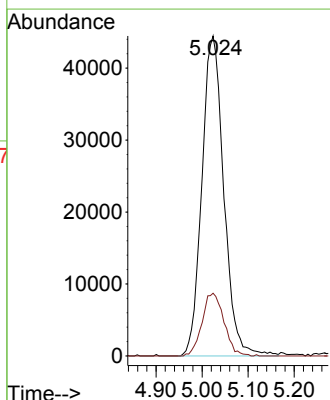
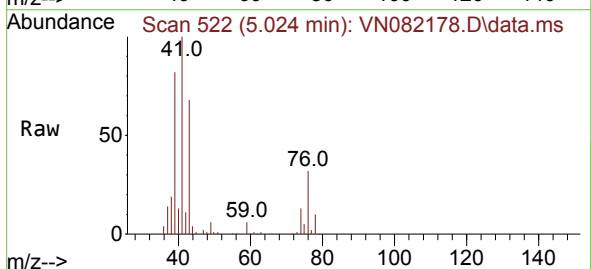
Manual Integrations
APPROVED

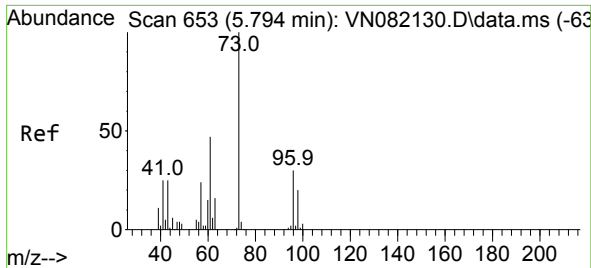
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#18
Methyl Acetate
Concen: 45.974 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

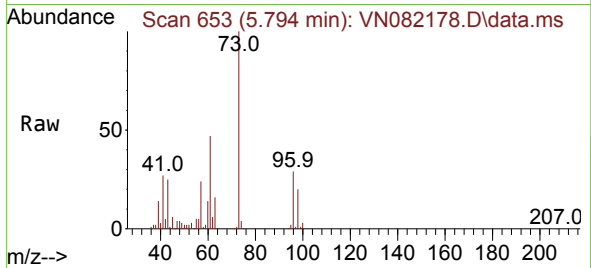
Tgt Ion: 43 Resp: 147446
Ion Ratio Lower Upper
43 100
74 19.6 22.2 33.2#





#19
Methyl tert-butyl Ether
Concen: 49.178 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

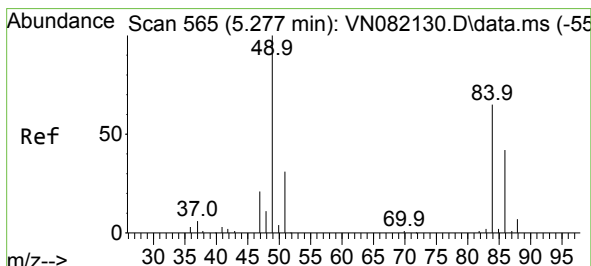
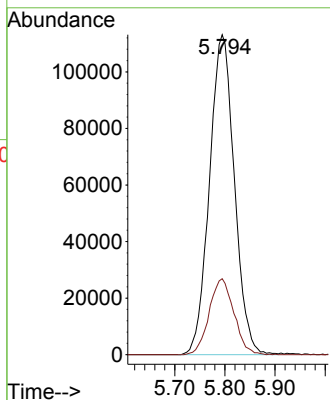
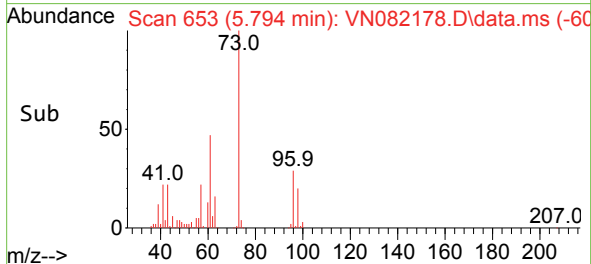
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



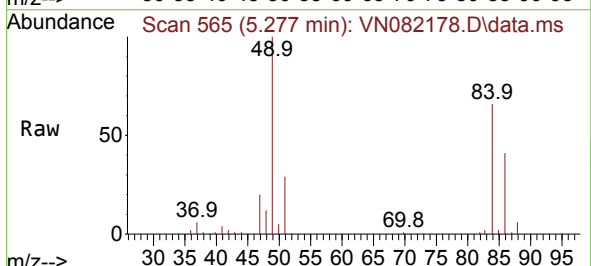
Tgt Ion: 73 Resp: 390298
Ion Ratio Lower Upper
73 100
57 23.8 16.5 24.7

Manual Integrations
APPROVED

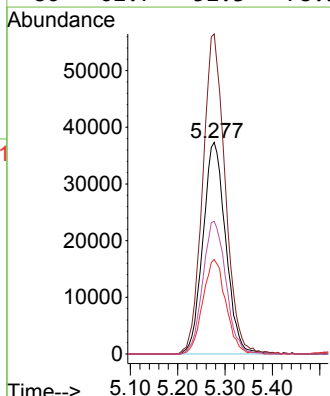
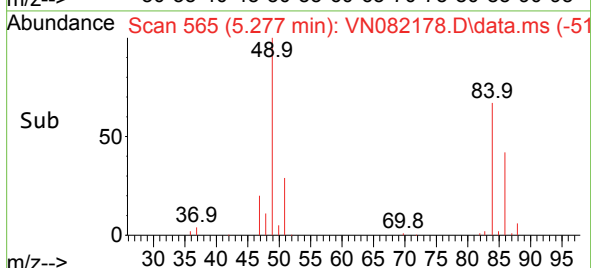
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

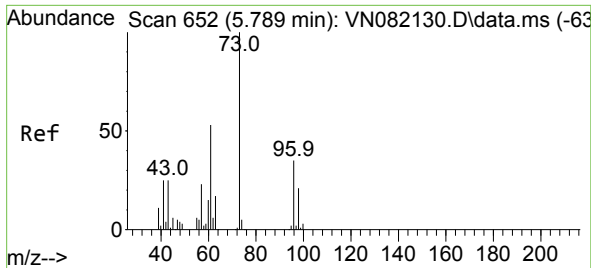


#20
Methylene Chloride
Concen: 47.923 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



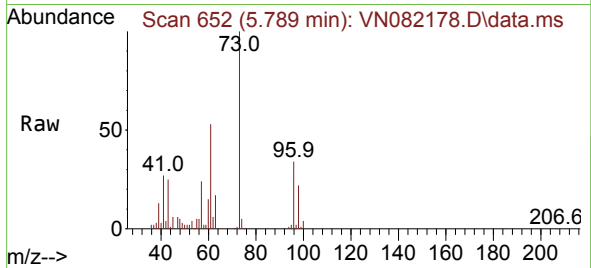
Tgt Ion: 84 Resp: 124517
Ion Ratio Lower Upper
84 100
49 151.3 84.9 127.3#
51 44.6 27.0 40.6#
86 62.7 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 47.392 ug/l
RT: 5.789 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

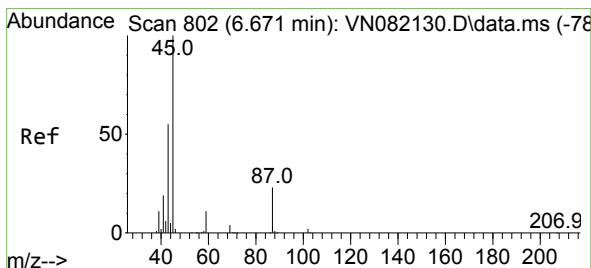
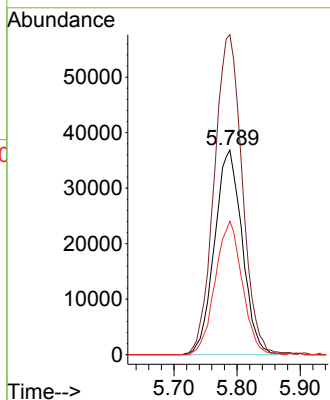
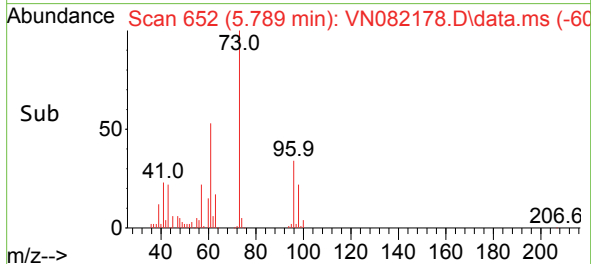
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



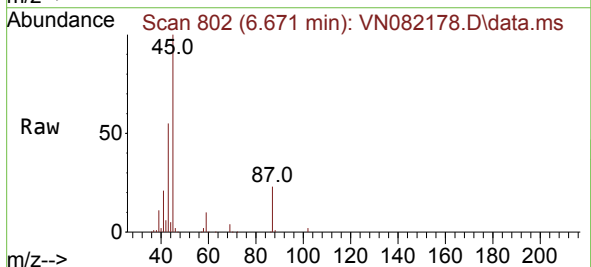
Tgt Ion: 96 Resp: 112137
Ion Ratio Lower Upper
96 100
61 156.4 96.5 144.7
98 65.2 51.3 76.9

Manual Integrations
APPROVED

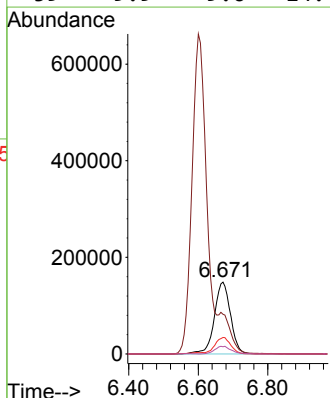
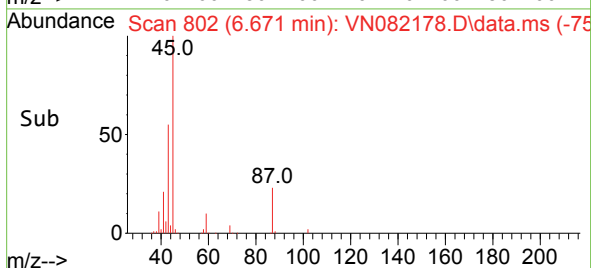
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

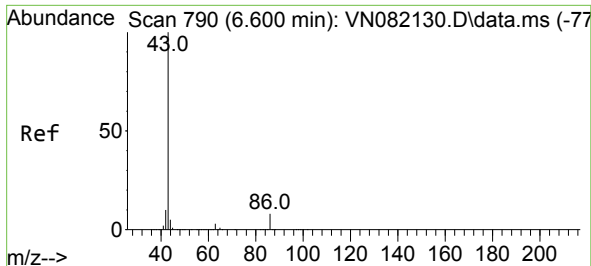


#22
Diisopropyl ether
Concen: 49.413 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



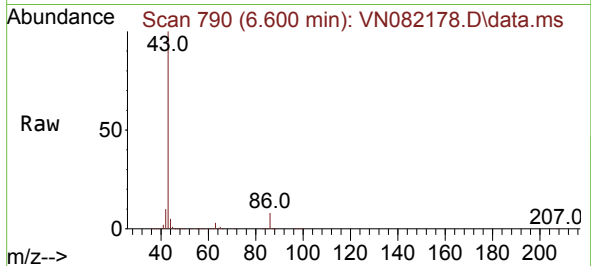
Tgt Ion: 45 Resp: 479662
Ion Ratio Lower Upper
45 100
43 54.9 44.1 66.1
87 22.9 27.0 40.6
59 9.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 248.162 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42

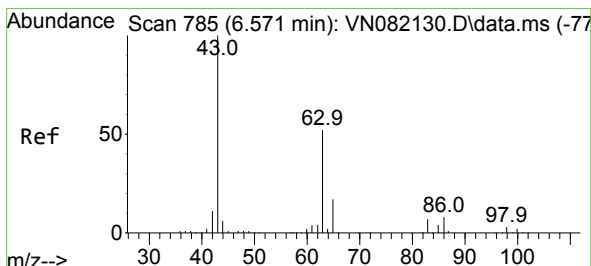
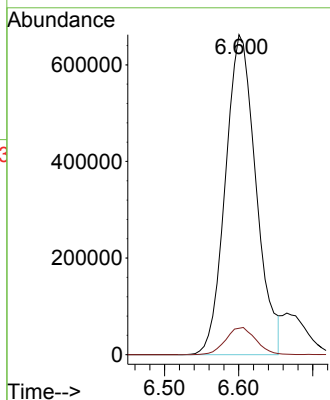
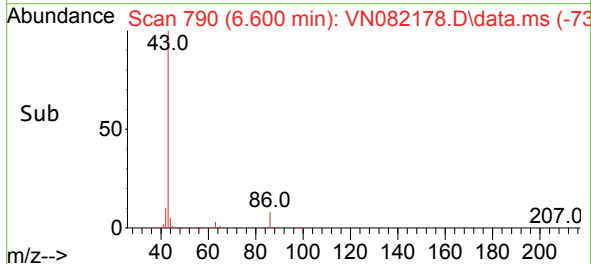
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



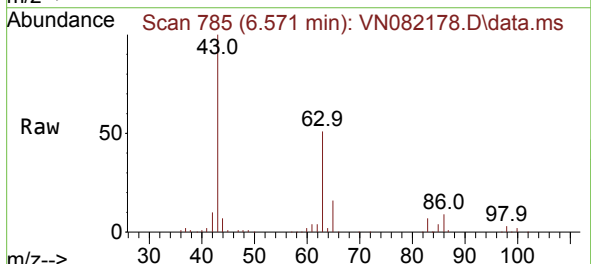
Tgt Ion: 43 Resp: 1899279
 Ion Ratio Lower Upper
 43 100
 86 8.2 10.2 15.4

Manual Integrations
 APPROVED

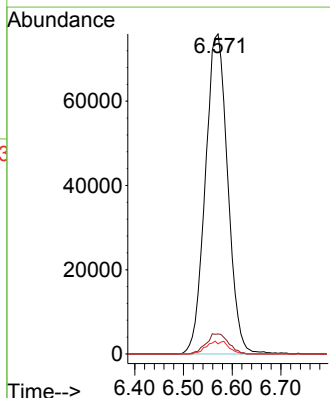
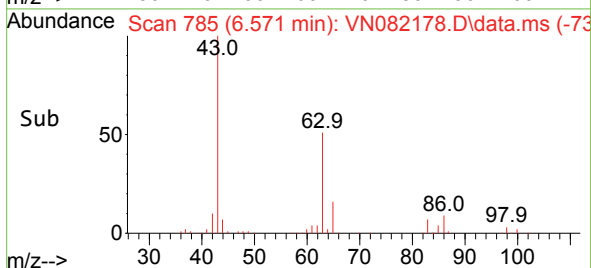
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024

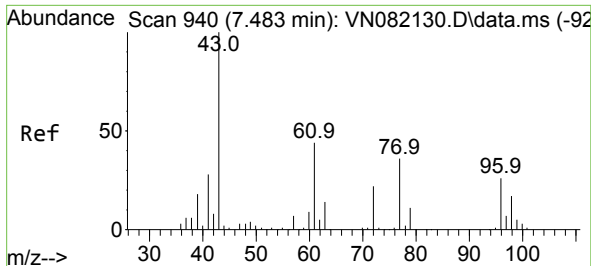


#24
 1,1-Dichloroethane
 Concen: 48.436 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42



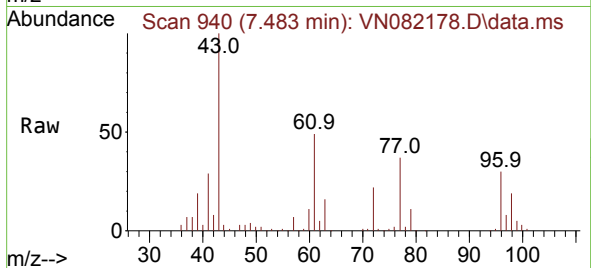
Tgt Ion: 63 Resp: 242341
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 3.1 2.6 7.8





#25
2-Butanone
Concen: 228.574 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

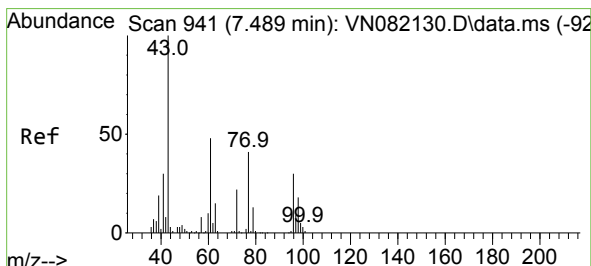
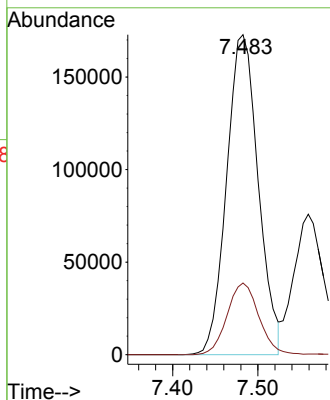
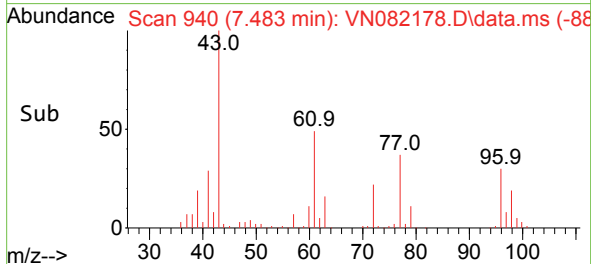
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



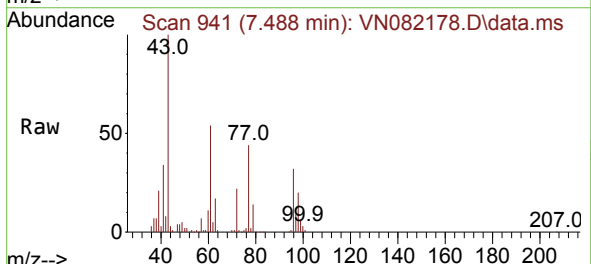
Tgt Ion: 43 Resp: 446295
Ion Ratio Lower Upper
43 100
72 22.4 25.3 37.9

Manual Integrations
APPROVED

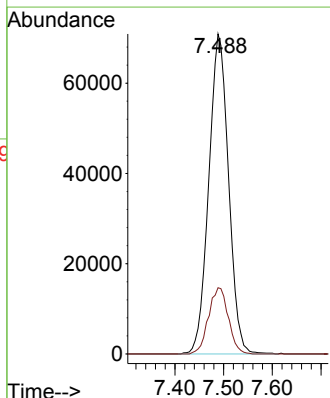
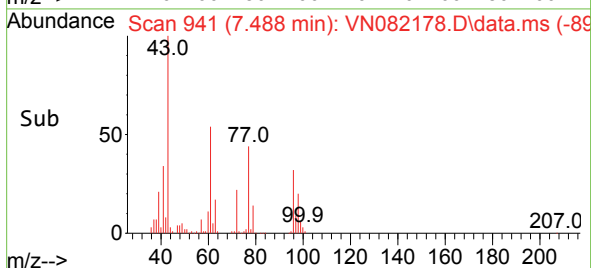
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#26
2,2-Dichloropropane
Concen: 47.659 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



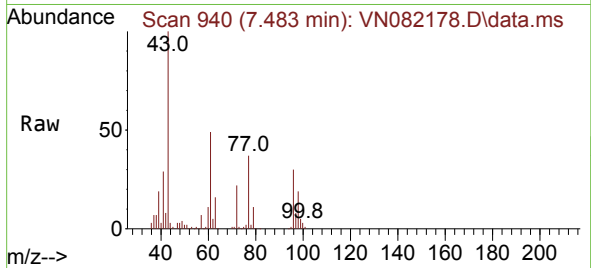
Tgt Ion: 77 Resp: 199729
Ion Ratio Lower Upper
77 100
97 20.7 11.3 33.9





#27
cis-1,2-Dichloroethene
Concen: 49.374 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

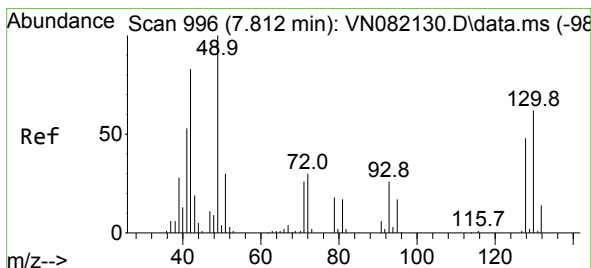
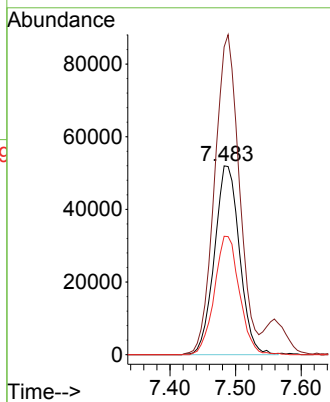
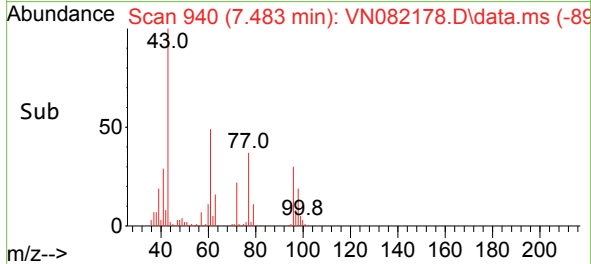
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 137875
Ion Ratio Lower Upper
96 100
61 167.0 0.0 268.0
98 62.7 0.0 126.8

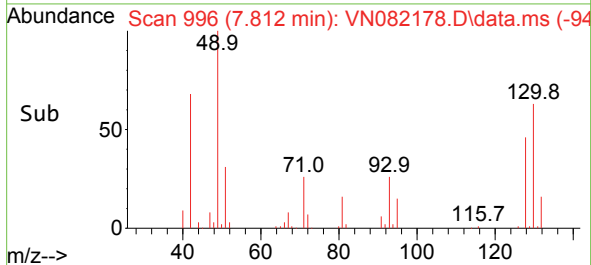
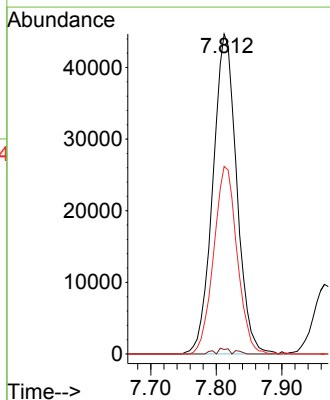
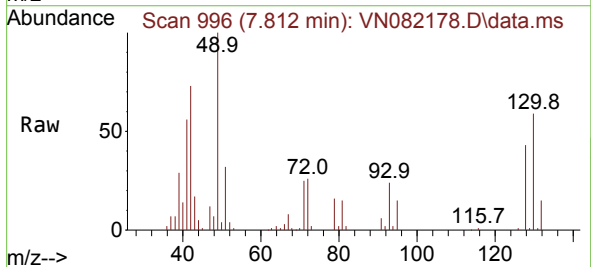
Manual Integrations
APPROVED

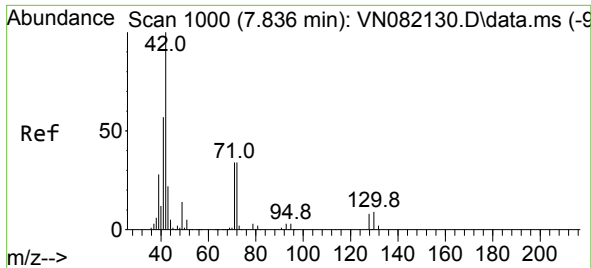
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#28
Bromochloromethane
Concen: 51.947 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

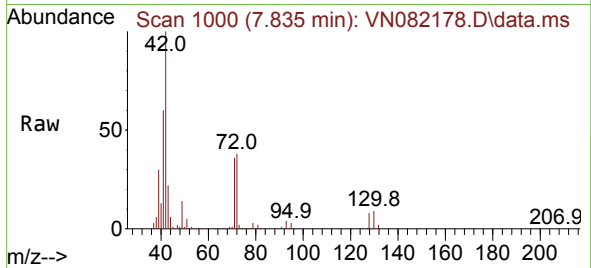
Tgt Ion: 49 Resp: 112759
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 57.6 66.7 100.1#





#29
Tetrahydrofuran
Concen: 237.329 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

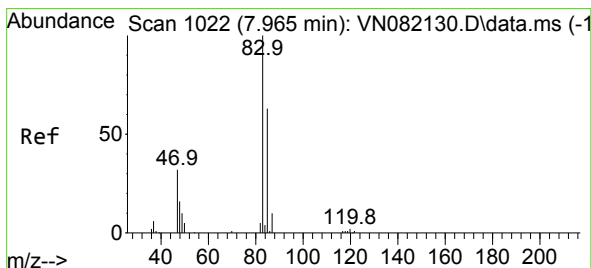
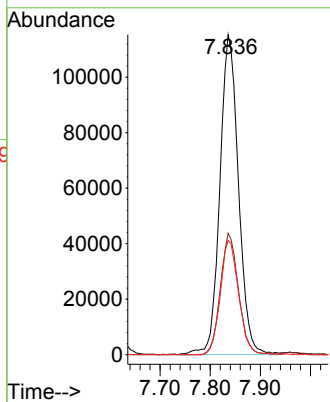
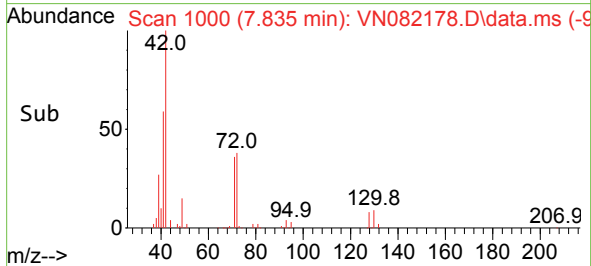
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 29752
Ion Ratio Lower Upper
42 100
72 36.8 39.3 58.9
71 35.0 37.4 56.0

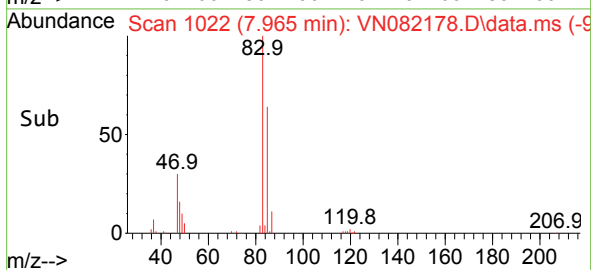
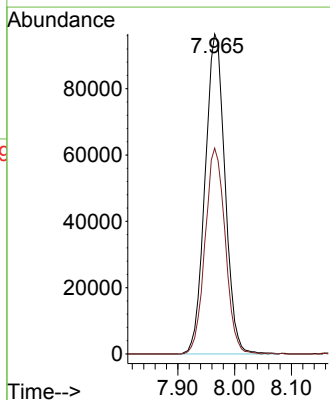
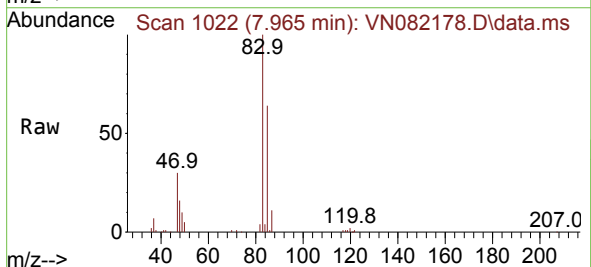
Manual Integrations
APPROVED

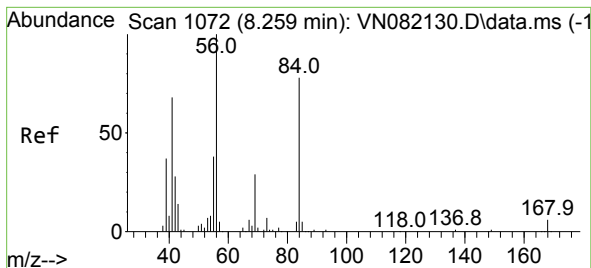
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#30
Chloroform
Concen: 49.217 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

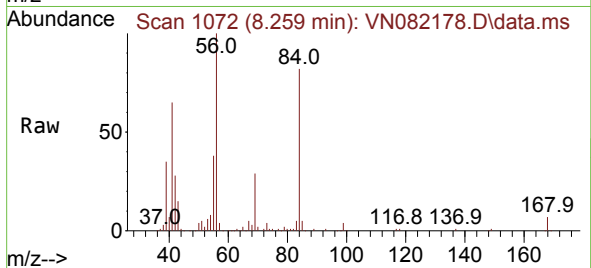
Tgt Ion: 83 Resp: 235156
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1





#31
Cyclohexane
Concen: 43.845 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

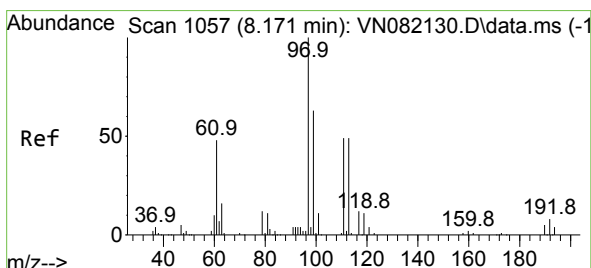
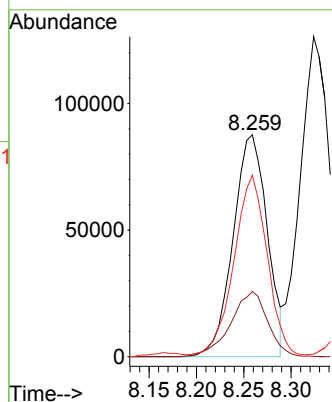
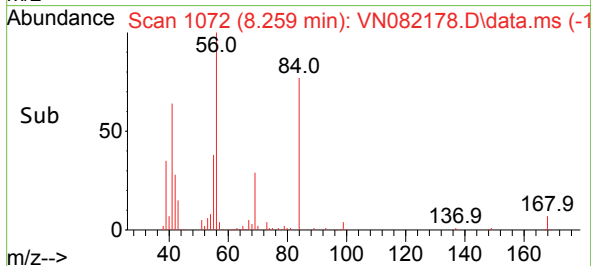
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



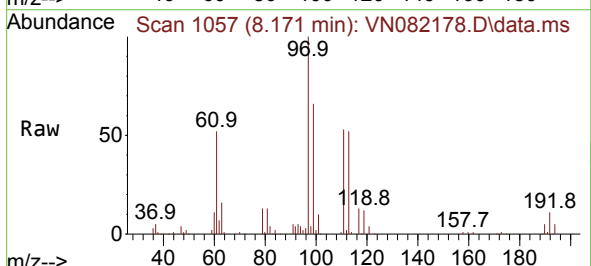
Tgt Ion: 56 Resp: 21984
Ion Ratio Lower Upper
56 100
69 29.5 24.4 36.6
84 80.6 77.0 115.4

Manual Integrations
APPROVED

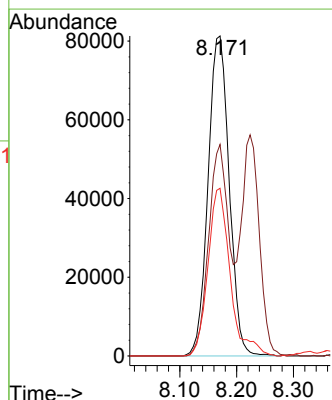
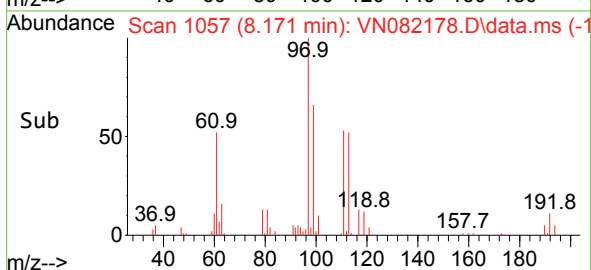
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

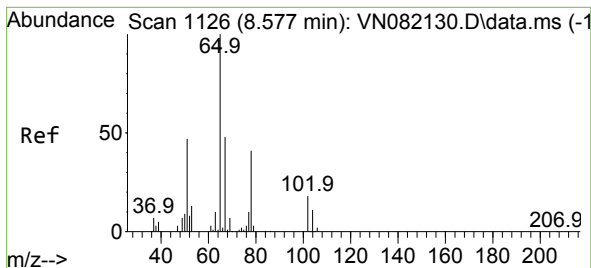


#32
1,1,1-Trichloroethane
Concen: 49.493 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



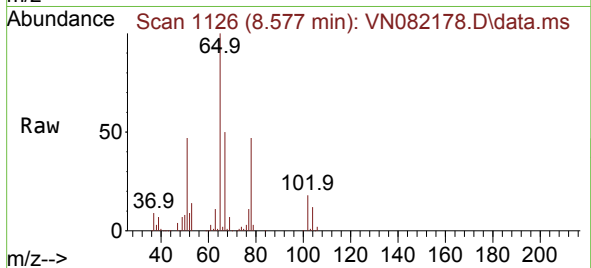
Tgt Ion: 97 Resp: 209791
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 55.2 36.6 55.0#





#33
1,2-Dichloroethane-d4
Concen: 49.767 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

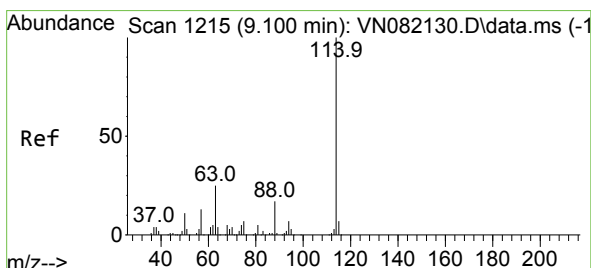
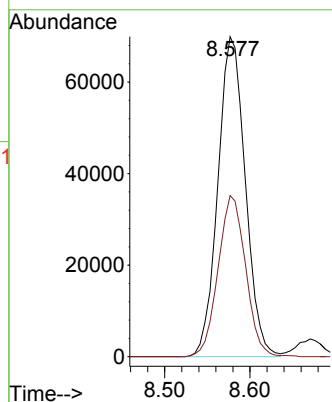
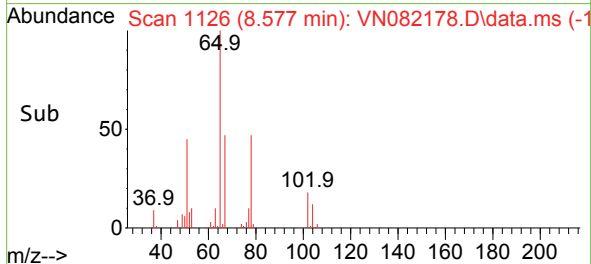
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 156235
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

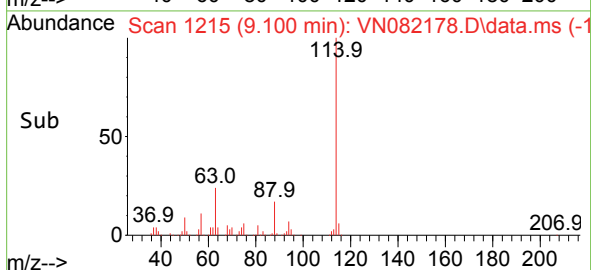
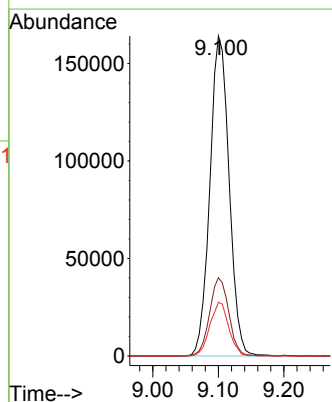
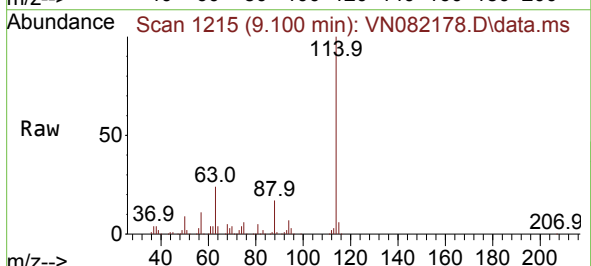
Manual Integrations
APPROVED

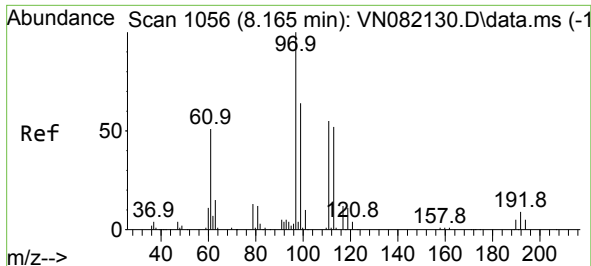
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Tgt Ion:114 Resp: 334127
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.0
88 16.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.455 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 107810

Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

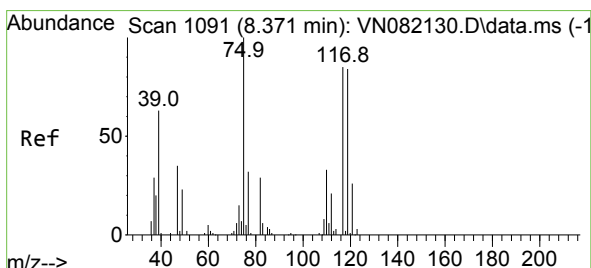
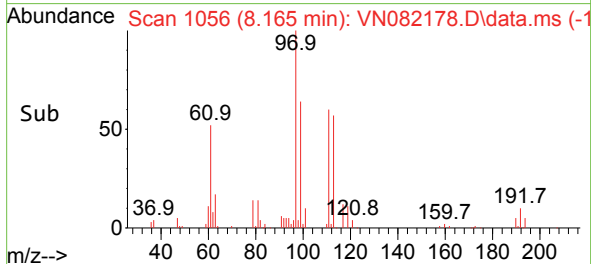
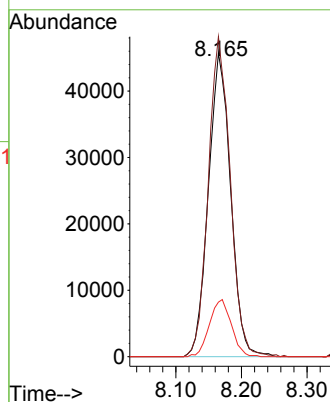
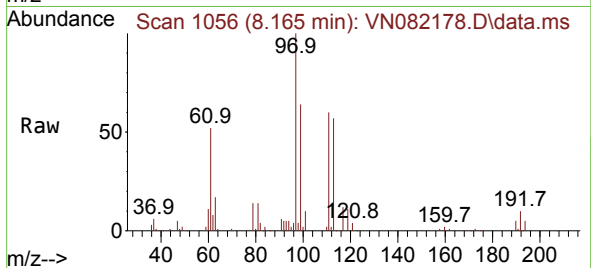
192 18.5 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#36

1,1-Dichloropropene

Concen: 49.229 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

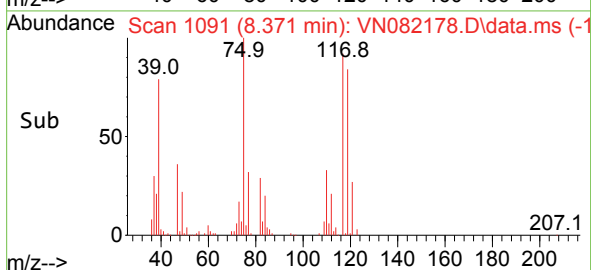
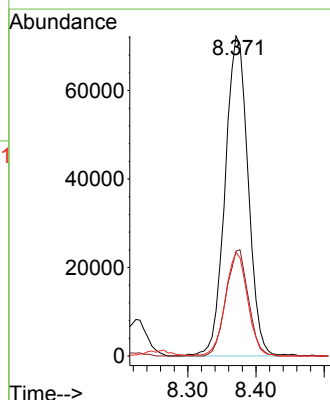
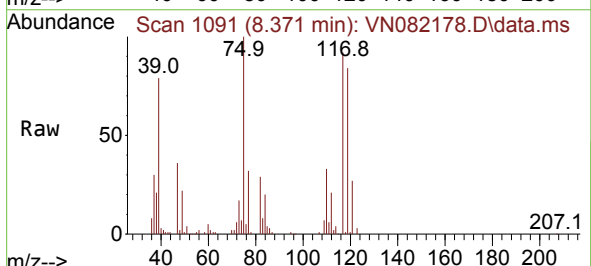
Tgt Ion: 75 Resp: 169705

Ion Ratio Lower Upper

75 100

110 32.2 17.8 53.5

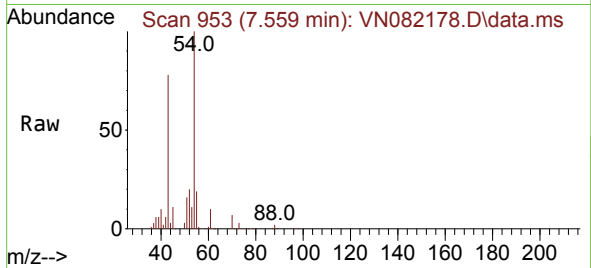
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 49.581 ug/l
RT: 7.559 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

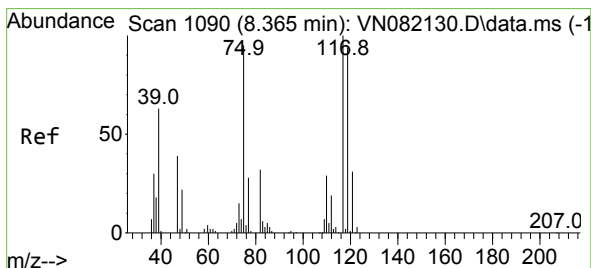
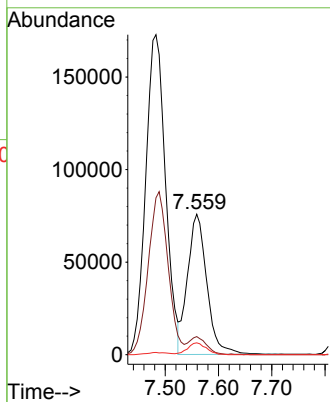
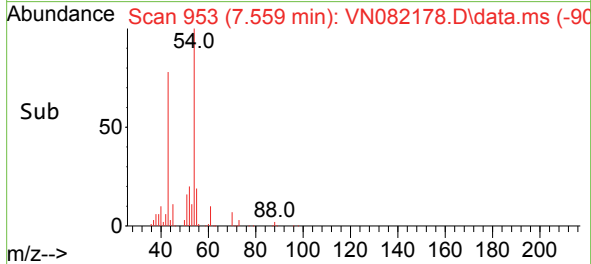
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 191275
Ion Ratio Lower Upper
43 100
61 11.4 11.3 16.9
70 8.2 8.7 13.1

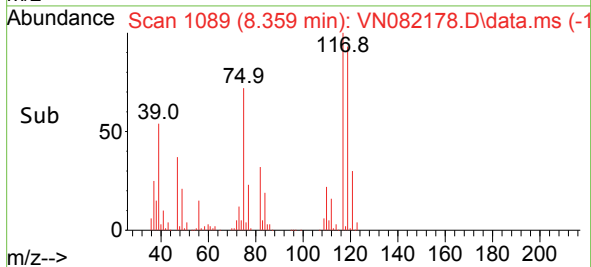
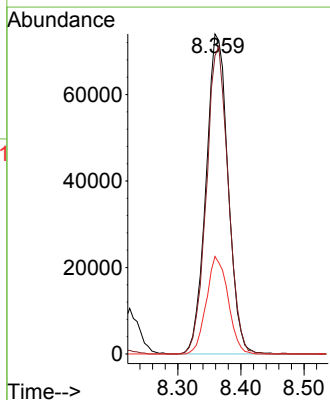
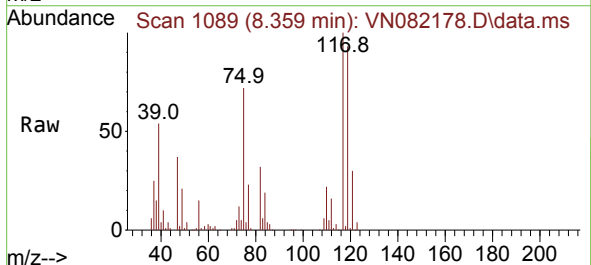
Manual Integrations
APPROVED

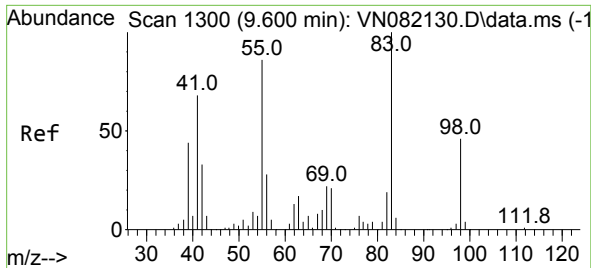
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#38
Carbon Tetrachloride
Concen: 51.447 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Tgt Ion:117 Resp: 179781
Ion Ratio Lower Upper
117 100
119 93.2 76.5 114.7
121 30.5 23.9 35.9





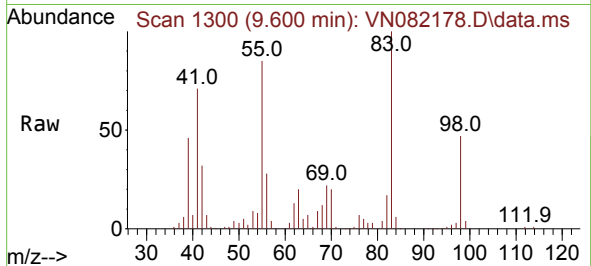
#39
Methylcyclohexane
Concen: 51.134 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



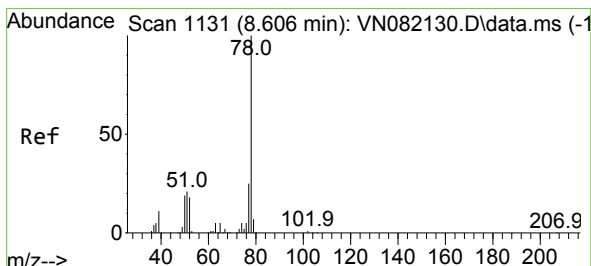
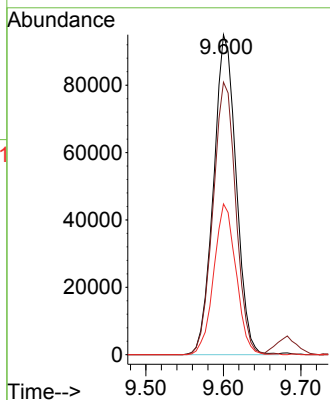
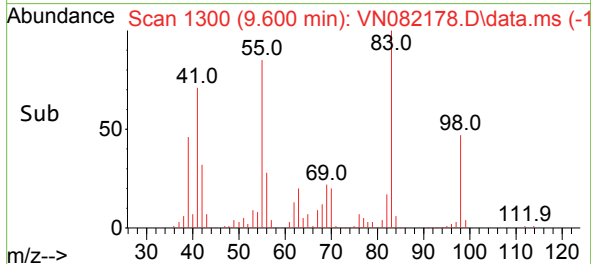
Tgt Ion: 83 Resp: 19321
Ion Ratio Lower Upper
83 100
55 85.1 53.0 79.6
98 47.1 37.1 55.7

Manual Integrations

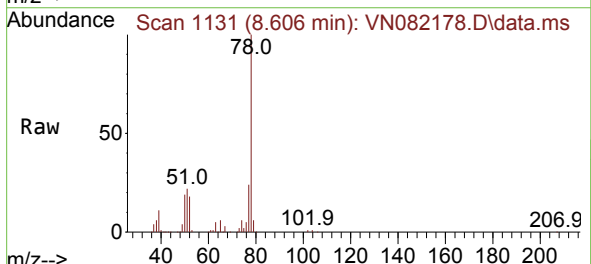
APPROVED

Reviewed By :John Carlone 05/20/2024

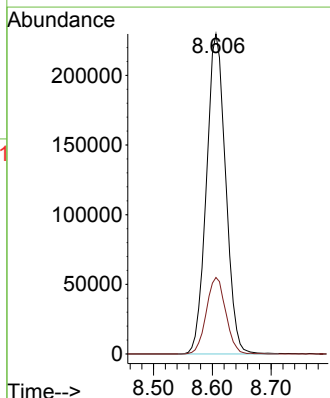
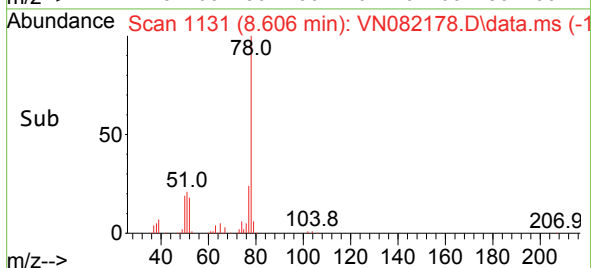
Supervised By :Mahesh Dadoda 05/20/2024



#40
Benzene
Concen: 50.610 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



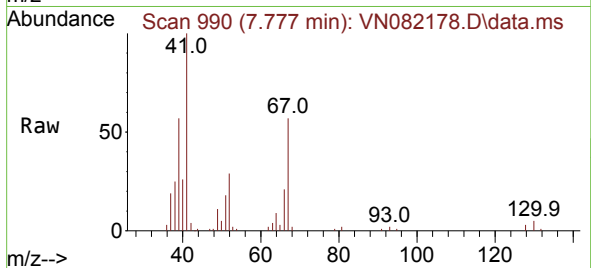
Tgt Ion: 78 Resp: 520252
Ion Ratio Lower Upper
78 100
77 23.9 20.0 30.0





#41
Methacrylonitrile
Concen: 49.236 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

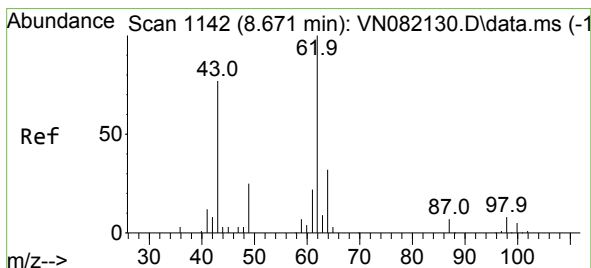
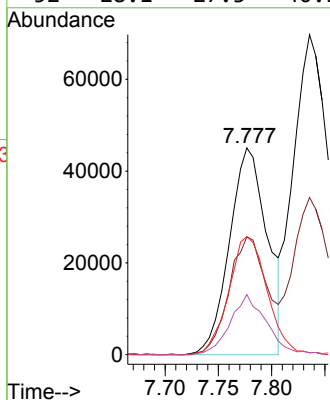
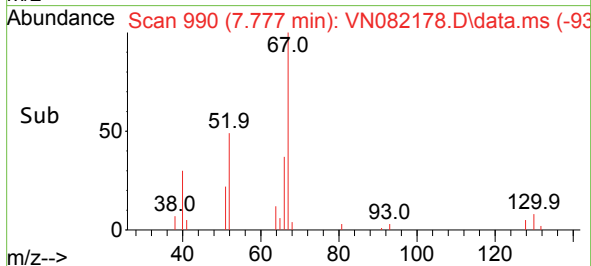
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



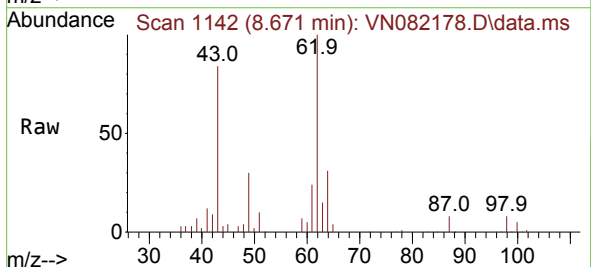
Tgt Ion: 41 Resp: 111709
Ion Ratio Lower Upper
41 100
39 57.2 46.6 69.8
67 57.9 67.3 100.9
52 28.1 27.3 40.9

Manual Integrations
APPROVED

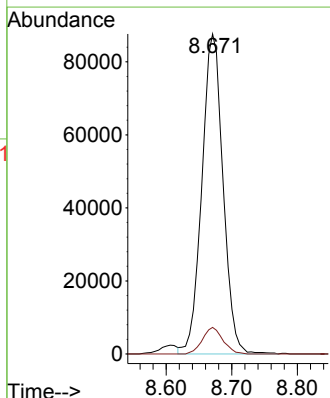
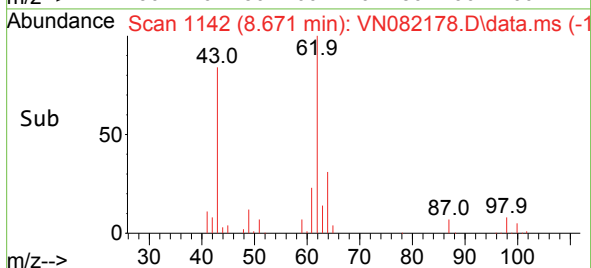
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

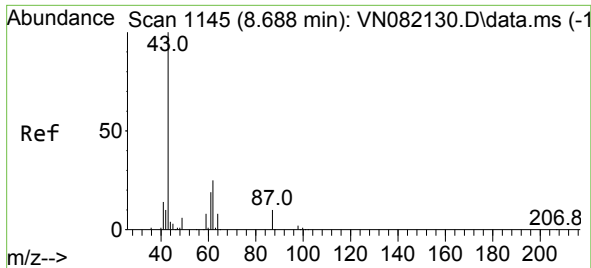


#42
1,2-Dichloroethane
Concen: 49.742 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



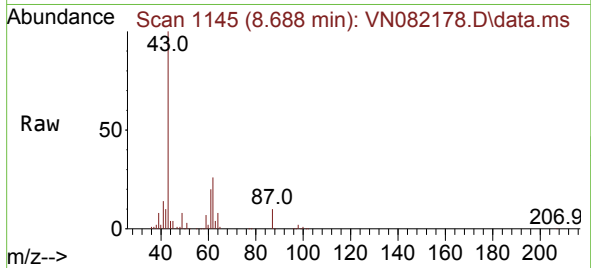
Tgt Ion: 62 Resp: 196658
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.6





#43
Isopropyl Acetate
Concen: 50.583 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

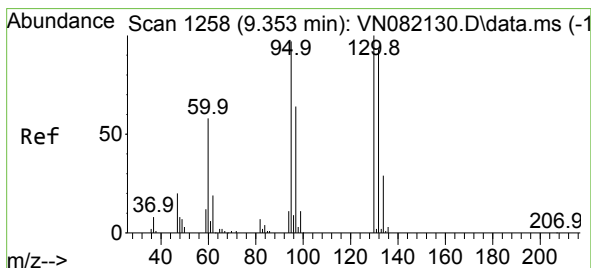
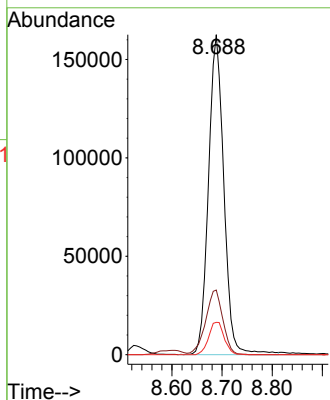
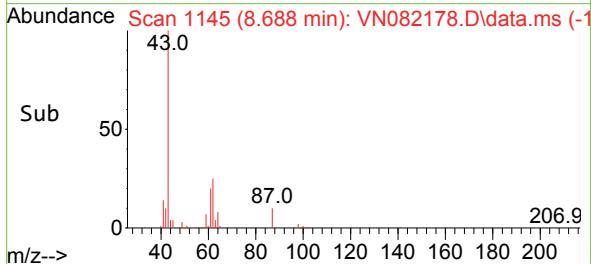
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 345770
Ion Ratio Lower Upper
43 100
61 22.7 22.8 34.2
87 10.2 12.0 18.0

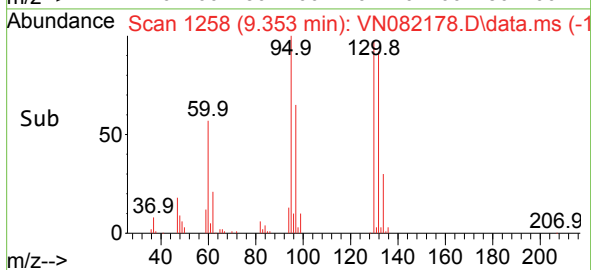
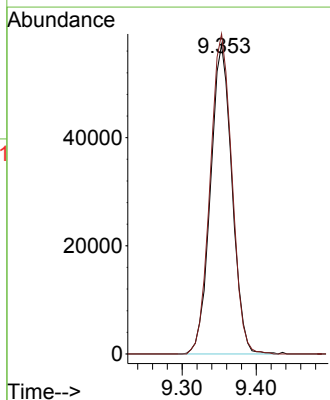
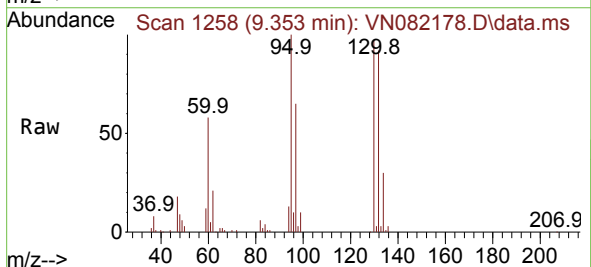
Manual Integrations
APPROVED

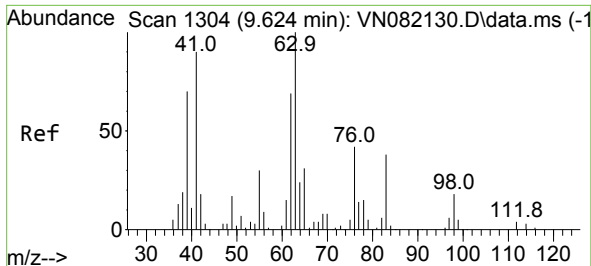
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#44
Trichloroethene
Concen: 49.324 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

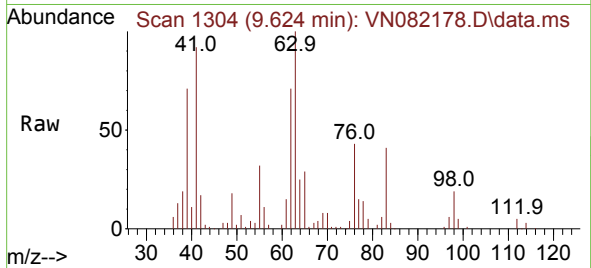
Tgt Ion:130 Resp: 115175
Ion Ratio Lower Upper
130 100
95 103.4 0.0 195.4





#45
1,2-Dichloropropane
Concen: 50.773 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

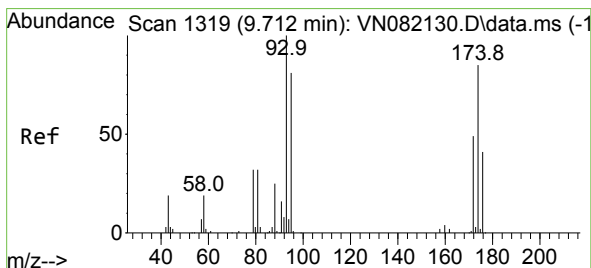
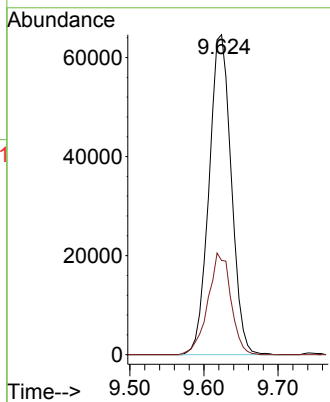
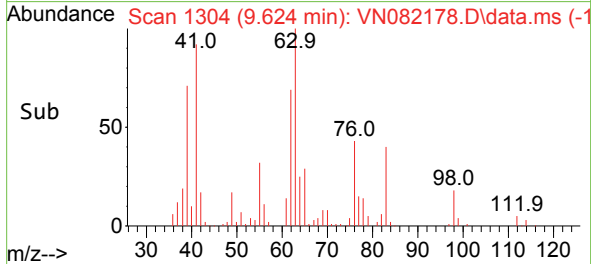
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 13466
Ion Ratio Lower Upper
63 100
65 29.4 24.1 36.1

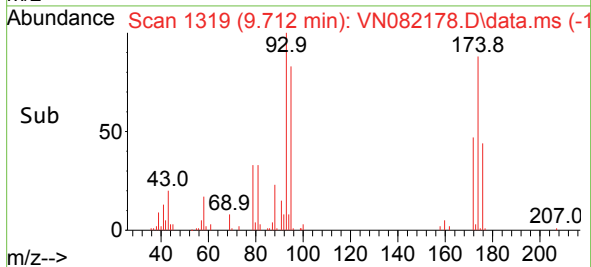
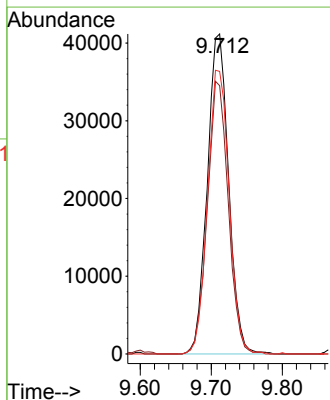
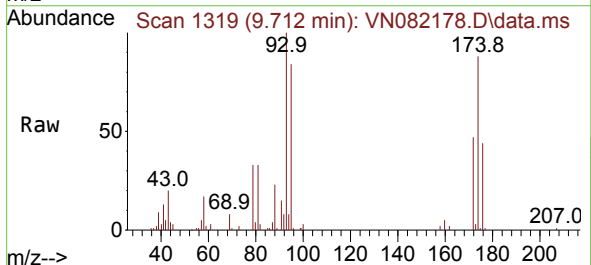
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#46
Dibromomethane
Concen: 49.303 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

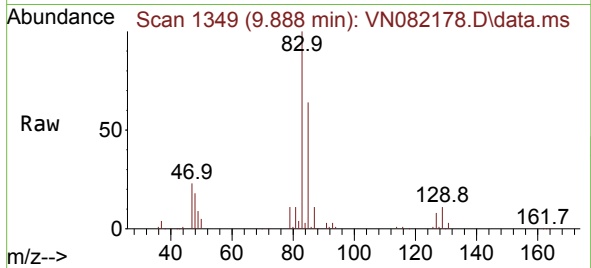
Tgt Ion: 93 Resp: 85851
Ion Ratio Lower Upper
93 100
95 83.7 64.8 97.2
174 89.7 73.4 110.0





#47
Bromodichloromethane
Concen: 51.312 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

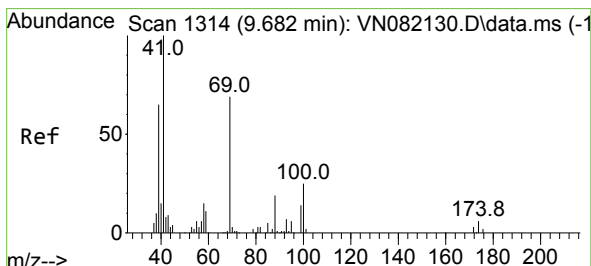
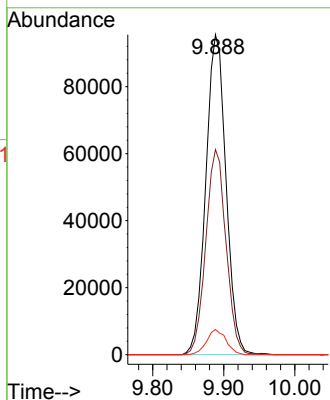
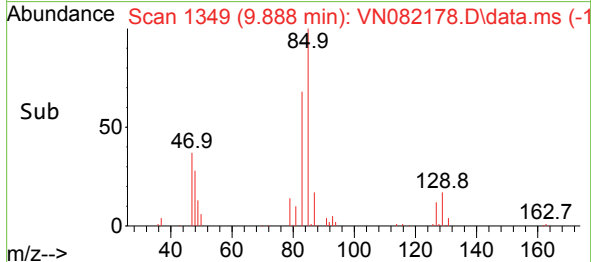
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



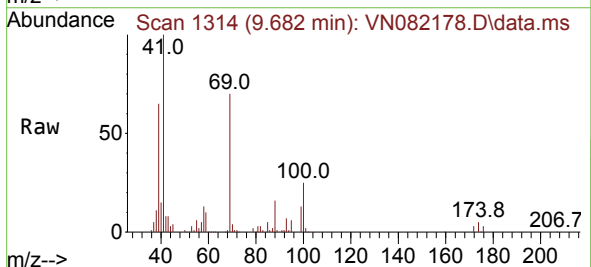
Tgt Ion: 83 Resp: 188629
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9
127 7.8 7.5 11.3

Manual Integrations
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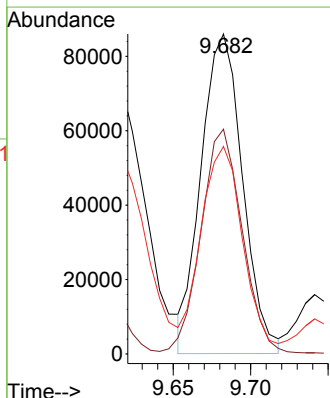
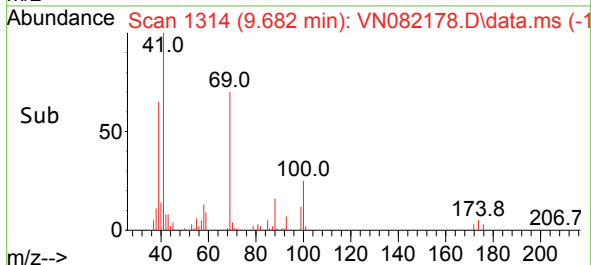
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

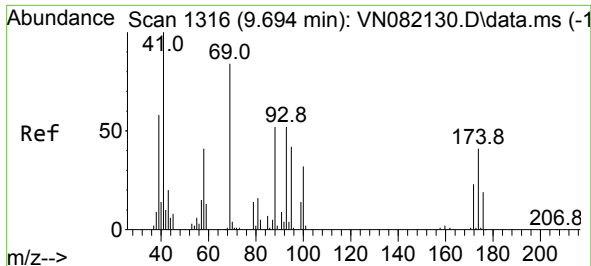


#48
Methyl methacrylate
Concen: 49.158 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



Tgt Ion: 41 Resp: 160121
Ion Ratio Lower Upper
41 100
69 70.2 77.9 116.9#
39 66.1 50.9 76.3





#49

1,4-Dioxane

Concen: 942.234 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 43000

Ion Ratio Lower Upper

88 100

43 38.9 19.0 28.6

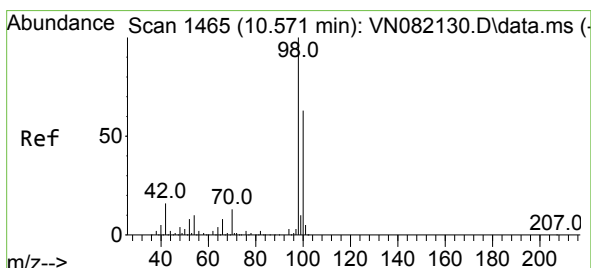
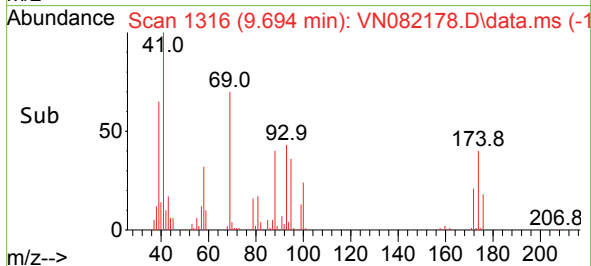
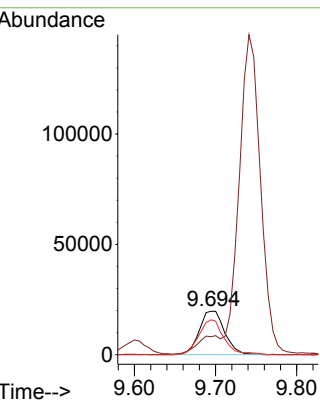
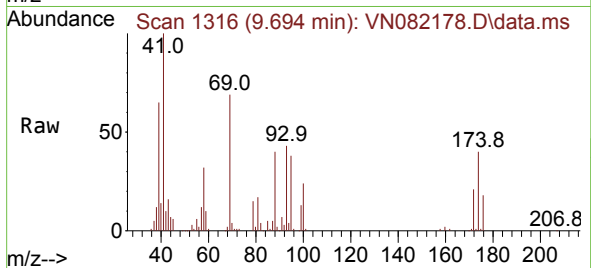
58 79.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#50

Toluene-d8

Concen: 52.780 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082178.D

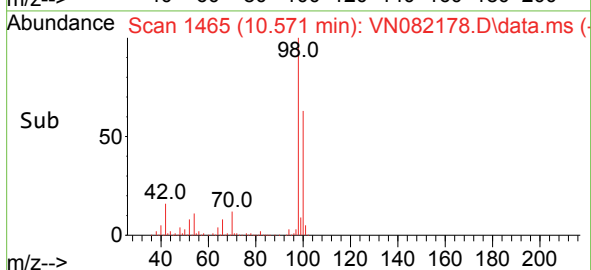
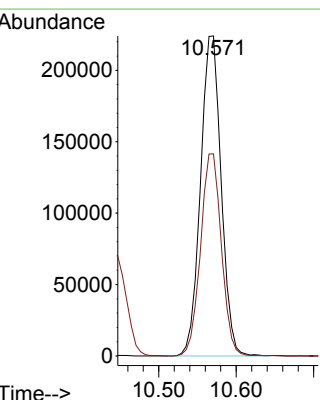
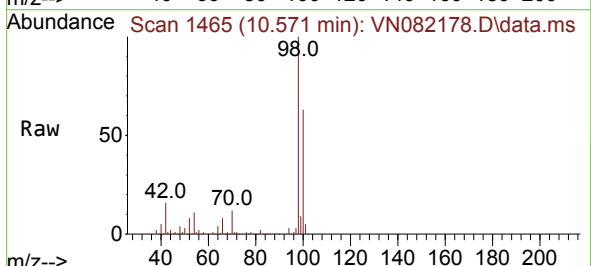
Acq: 17 May 2024 14:42

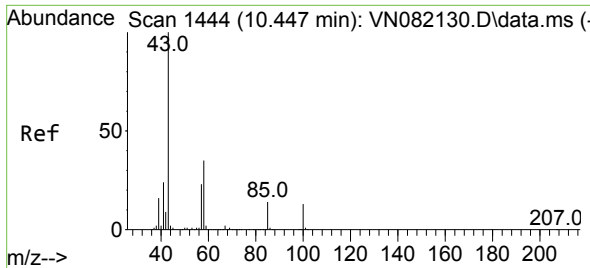
Tgt Ion: 98 Resp: 415916

Ion Ratio Lower Upper

98 100

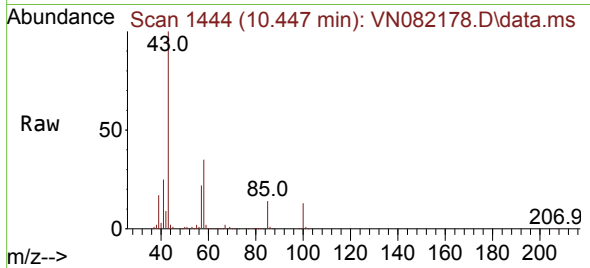
100 63.6 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 252.044 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

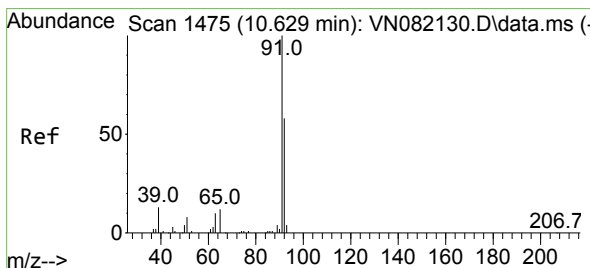
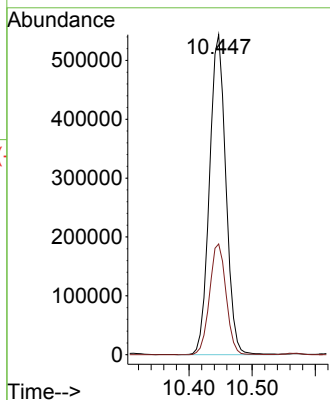
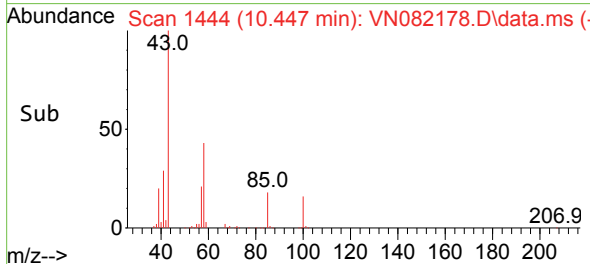
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 978919
Ion Ratio Lower Upper
43 100
58 34.9 33.2 49.8

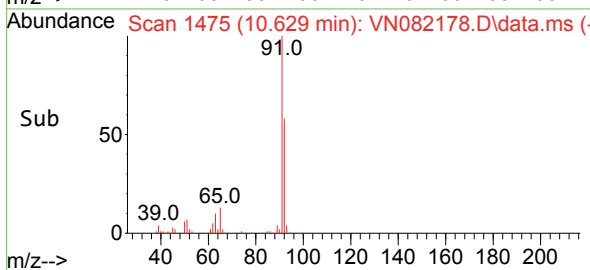
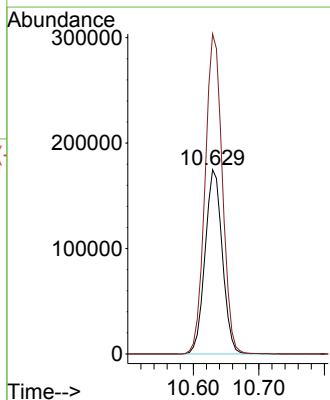
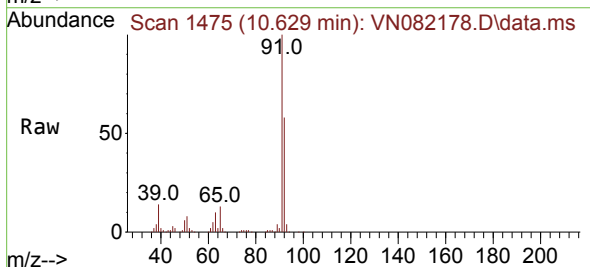
Manual Integrations
APPROVED

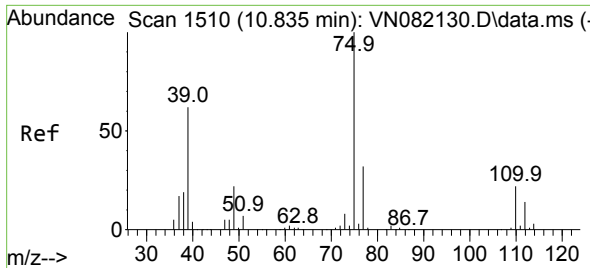
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#52
Toluene
Concen: 51.887 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

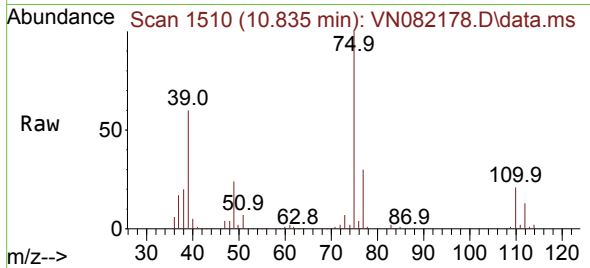
Tgt Ion: 92 Resp: 320085
Ion Ratio Lower Upper
92 100
91 173.5 136.7 205.1





#53
 t-1,3-Dichloropropene
 Concen: 52.593 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42

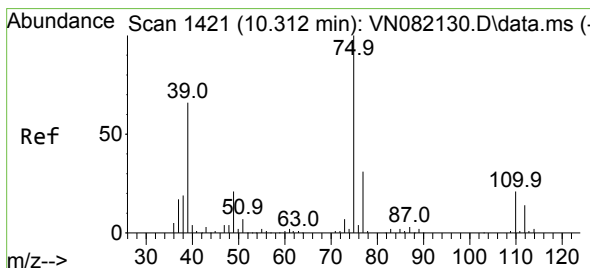
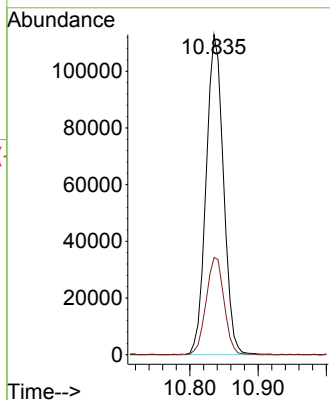
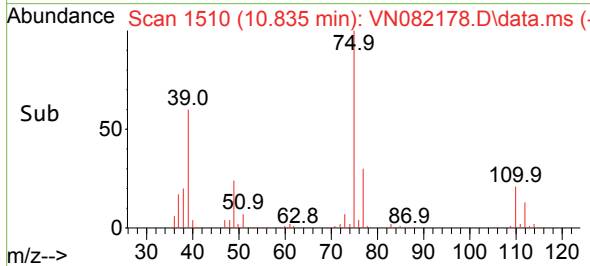
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



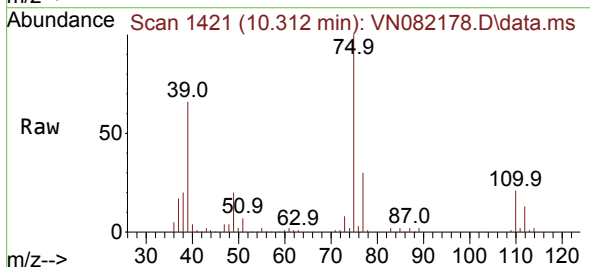
Tgt Ion: 75 Resp: 19995
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0

Manual Integrations
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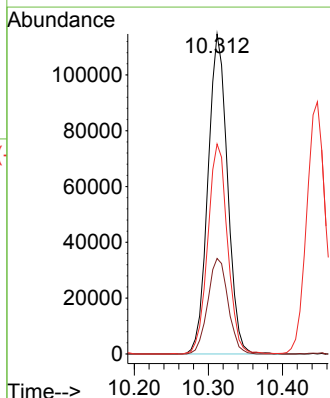
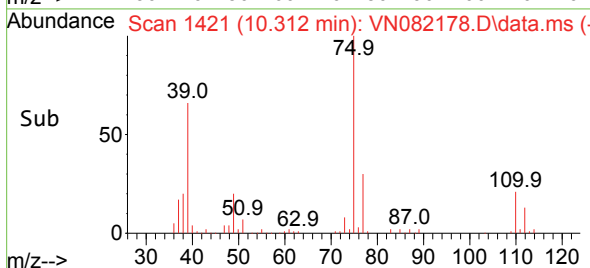
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024

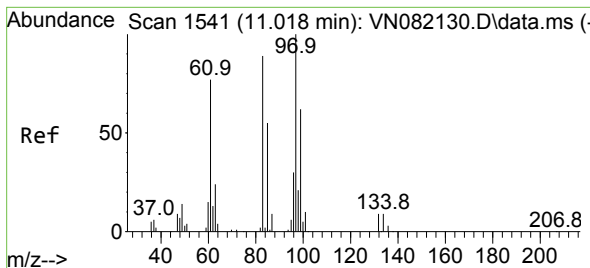


#54
 cis-1,3-Dichloropropene
 Concen: 52.050 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42



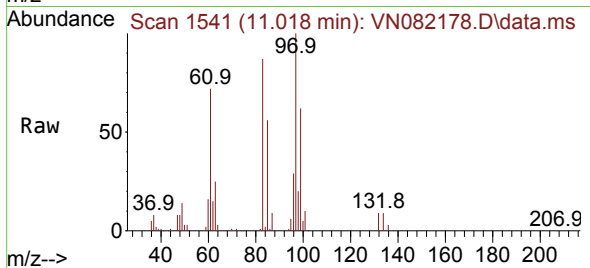
Tgt Ion: 75 Resp: 209465
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.0 37.4
 39 65.6 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 50.603 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

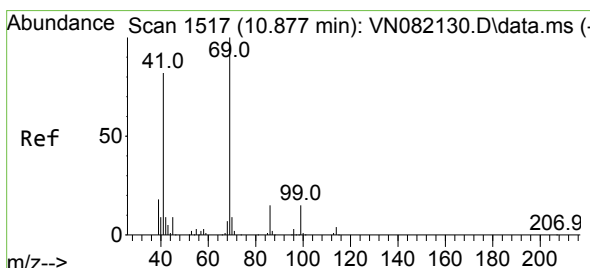
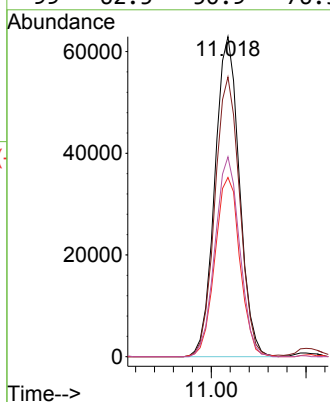
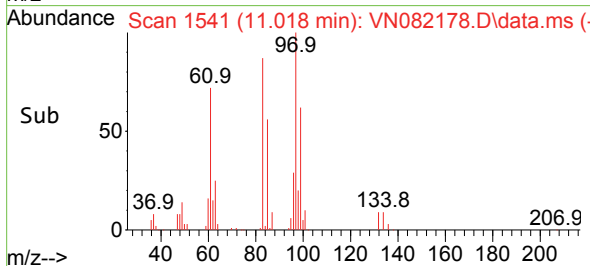
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



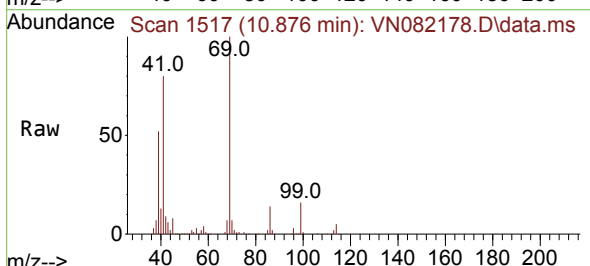
Tgt Ion: 97 Resp: 11344
Ion Ratio Lower Upper
97 100
83 87.4 70.4 105.6
85 56.0 45.6 68.4
99 62.5 50.9 76.3

Manual Integrations
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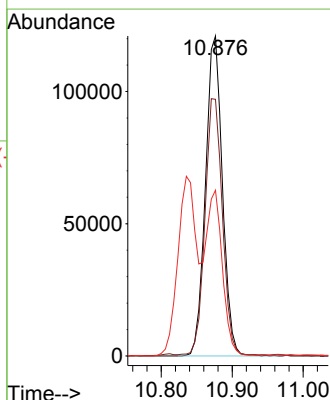
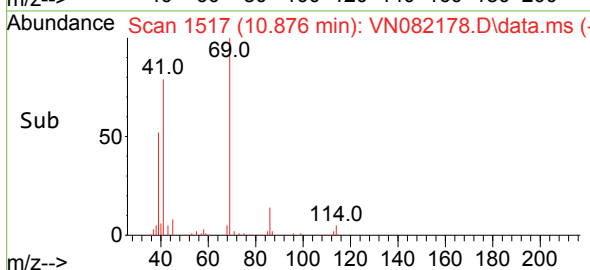
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

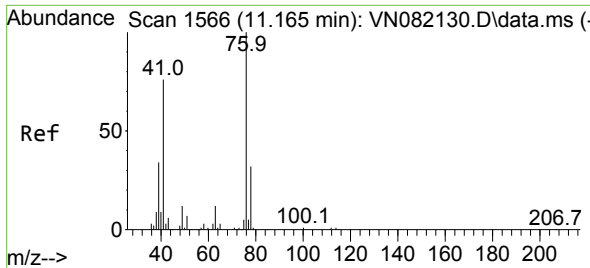


#56
Ethyl methacrylate
Concen: 52.692 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



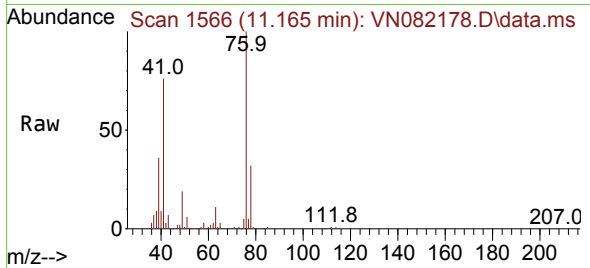
Tgt Ion: 69 Resp: 200553
Ion Ratio Lower Upper
69 100
41 82.1 46.6 70.0#
39 46.0 26.5 39.7#





#57
1,3-Dichloropropane
Concen: 50.658 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

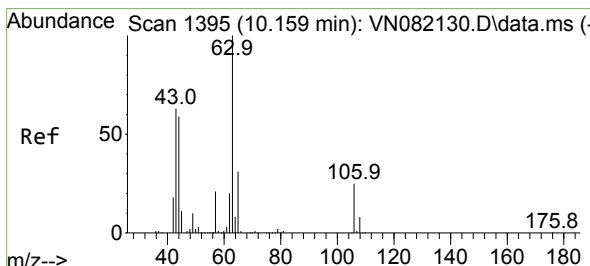
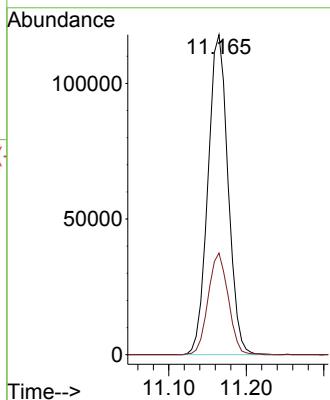
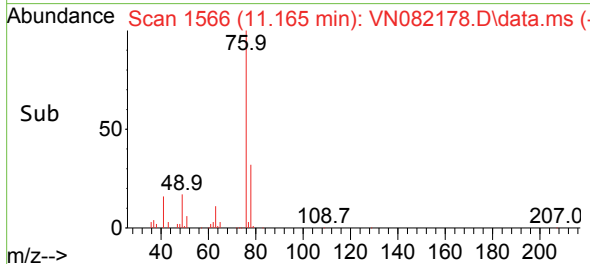
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 212338
Ion Ratio Lower Upper
76 100
78 31.7 25.8 38.6

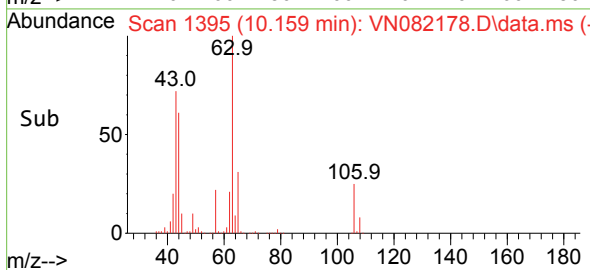
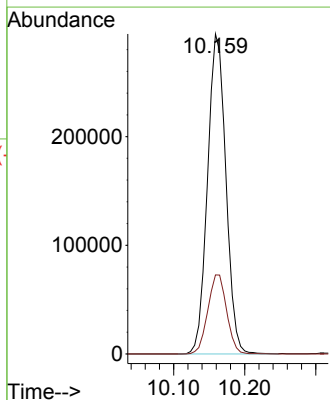
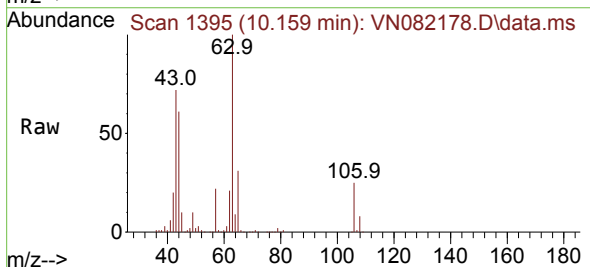
Manual Integrations
APPROVED

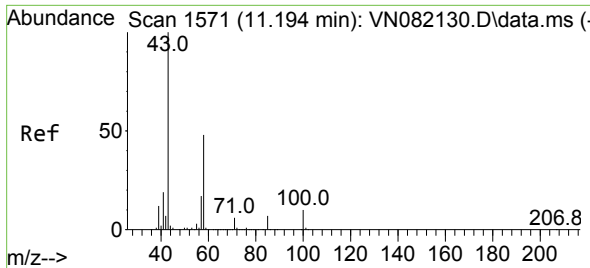
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 269.528 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

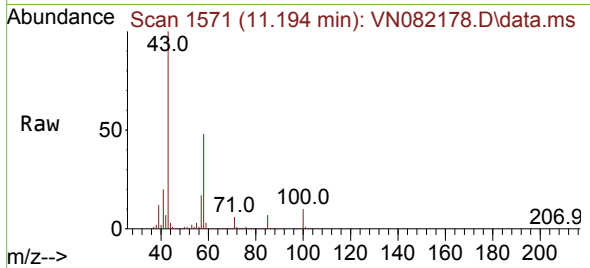
Tgt Ion: 63 Resp: 529139
Ion Ratio Lower Upper
63 100
106 25.3 24.6 36.8





#59
2-Hexanone
Concen: 253.075 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

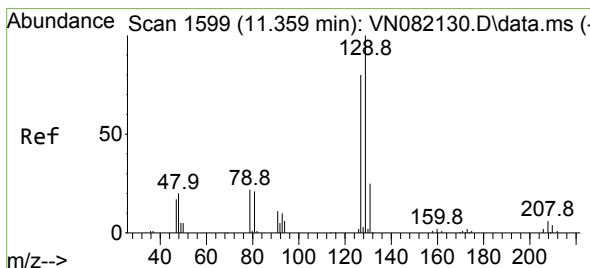
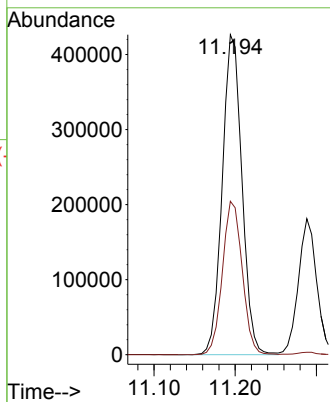
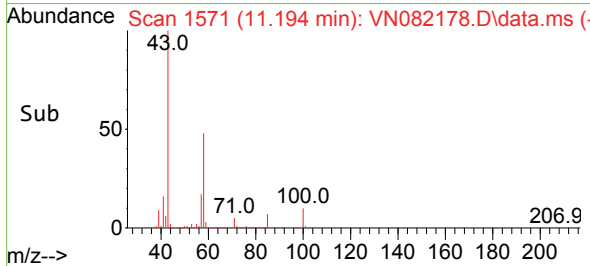
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 719700
Ion Ratio Lower Upper
43 100
58 48.1 28.3 84.9

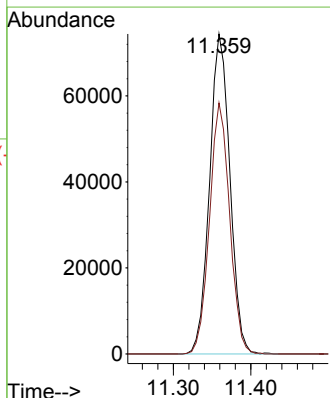
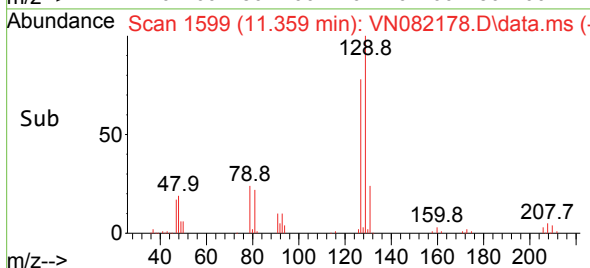
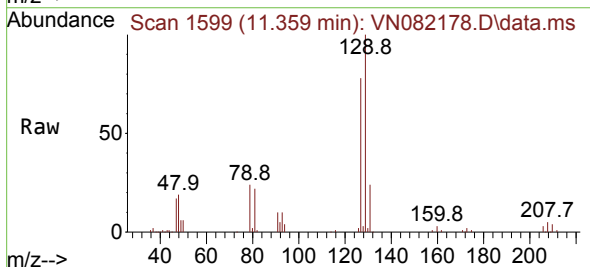
Manual Integrations
APPROVED

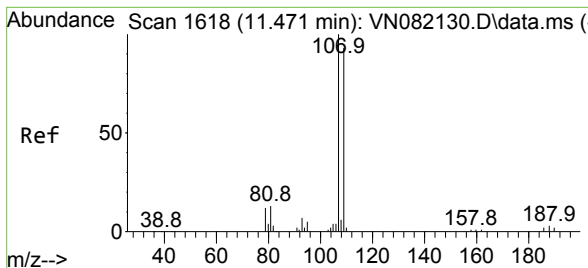
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#60
Dibromochloromethane
Concen: 54.815 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

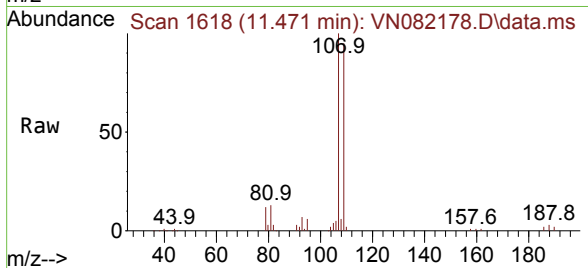
Tgt Ion:129 Resp: 135612
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.8





#61
1,2-Dibromoethane
Concen: 50.153 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

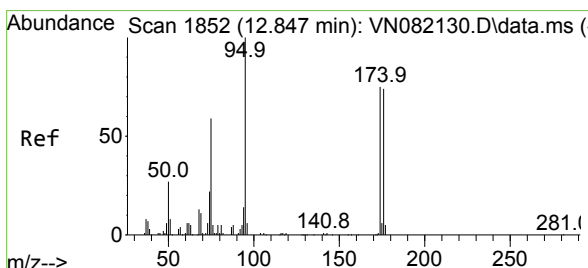
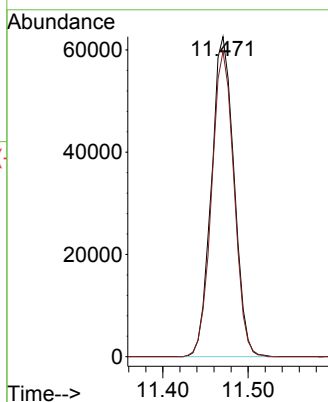
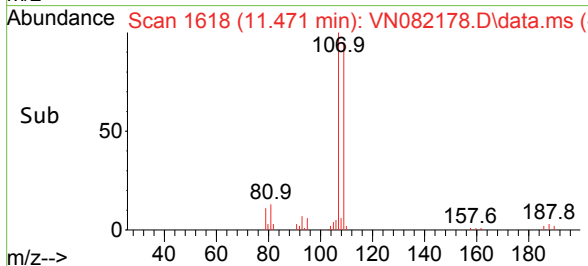
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



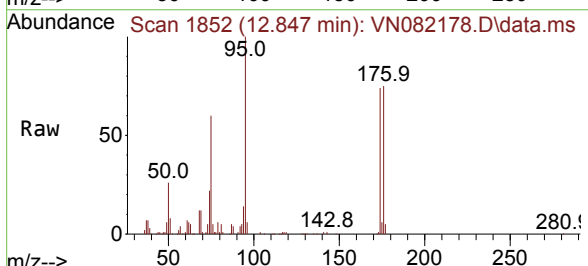
Tgt Ion:107 Resp: 115485
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6

Manual Integrations
APPROVED

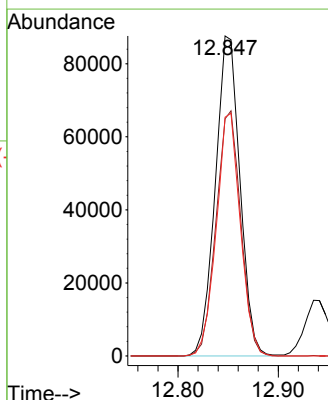
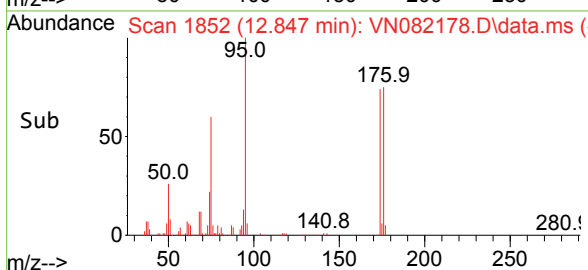
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

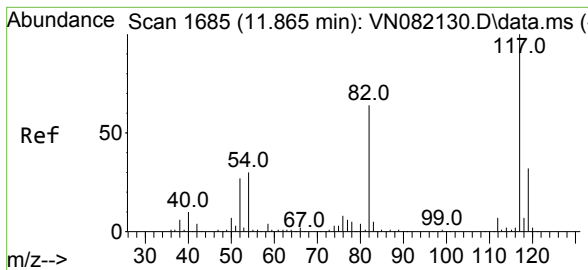


#62
4-Bromofluorobenzene
Concen: 53.107 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



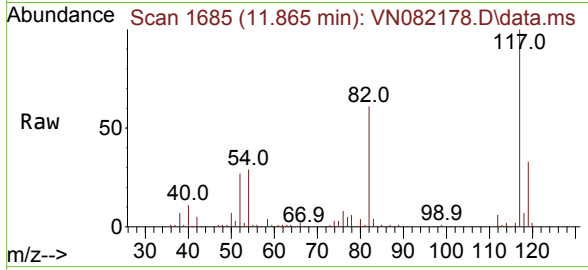
Tgt Ion: 95 Resp: 149371
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 73.9 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

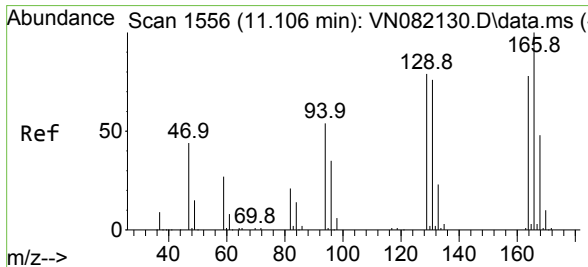
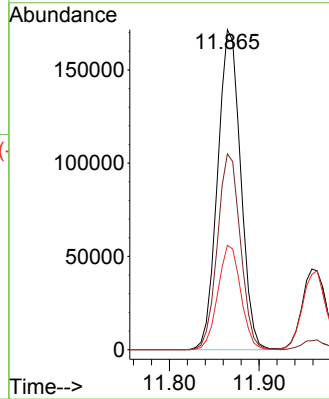
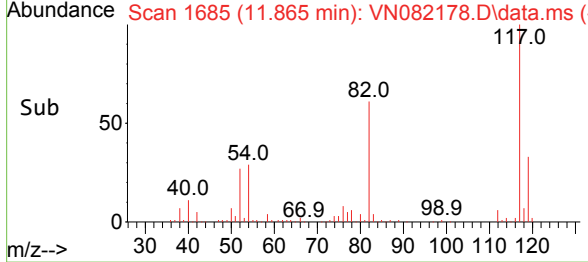
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 30621
Ion Ratio Lower Upper
117 100
82 61.2 44.6 66.8
119 32.6 25.9 38.9

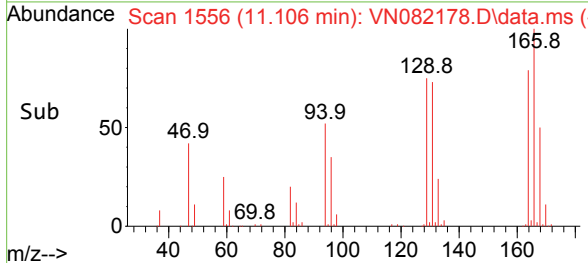
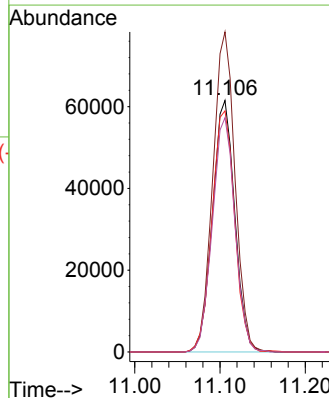
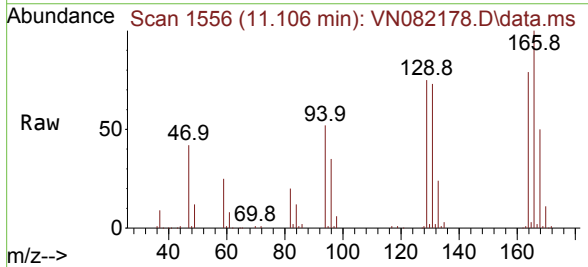
Manual Integrations
APPROVED

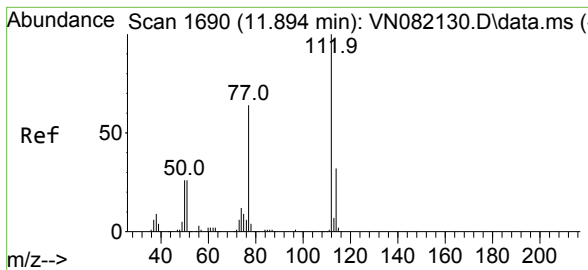
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#64
Tetrachloroethene
Concen: 49.256 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

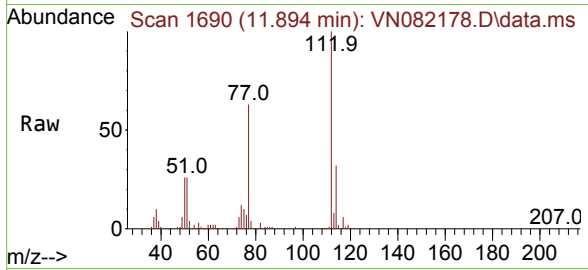
Tgt Ion:164 Resp: 111794
Ion Ratio Lower Upper
164 100
166 127.2 97.6 146.4
129 95.9 73.7 110.5
131 93.1 75.8 113.6





#65
Chlorobenzene
Concen: 49.666 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

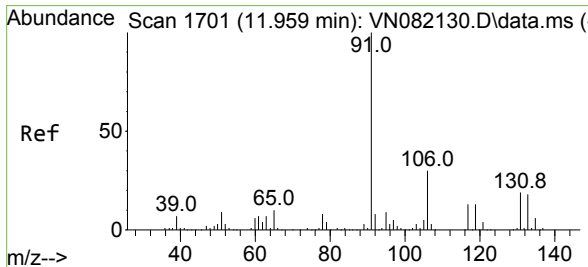
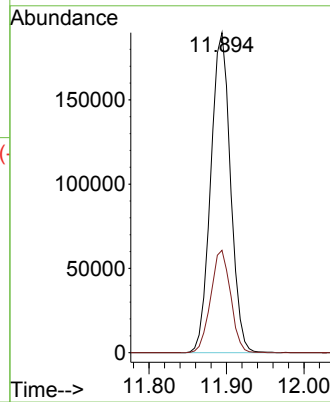
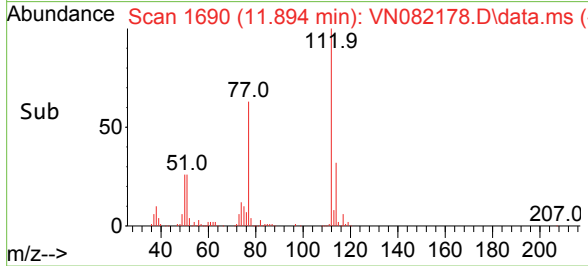
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



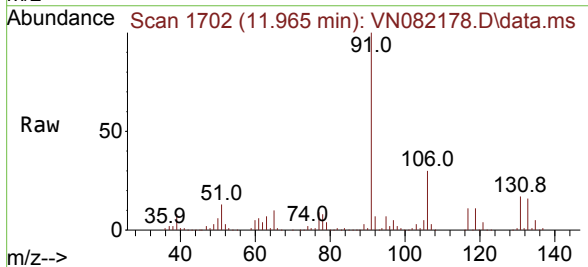
Tgt Ion:112 Resp: 335975
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

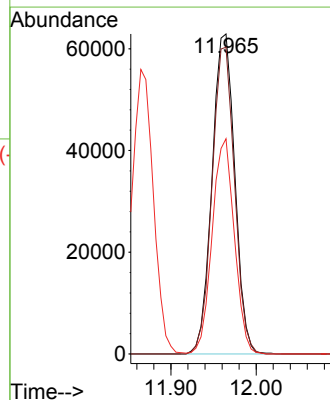
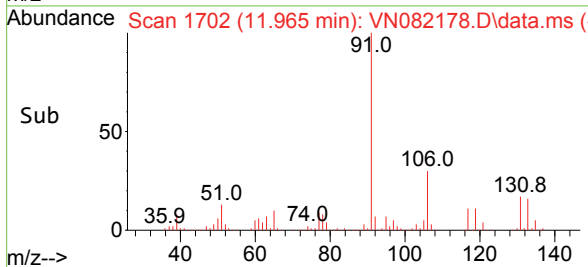
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

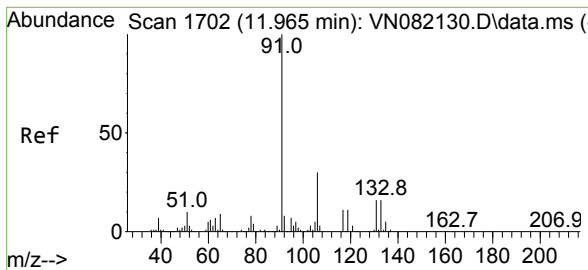


#66
1,1,1,2-Tetrachloroethane
Concen: 52.429 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



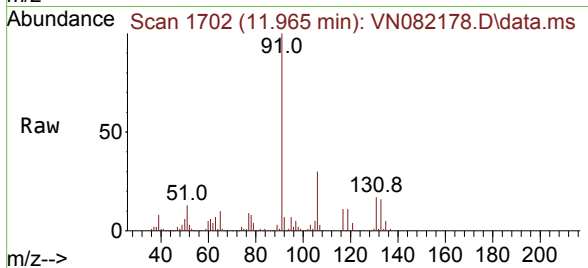
Tgt Ion:131 Resp: 116824
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.5 32.9 98.7





#67
Ethyl Benzene
Concen: 52.269 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

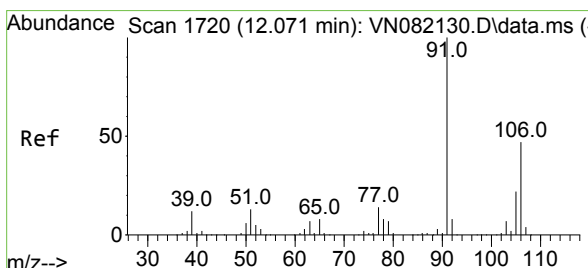
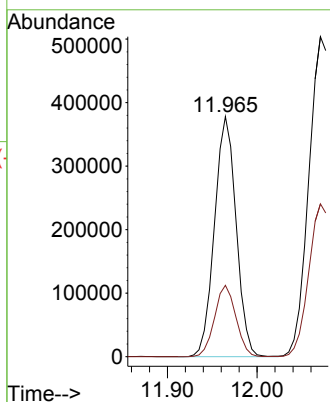
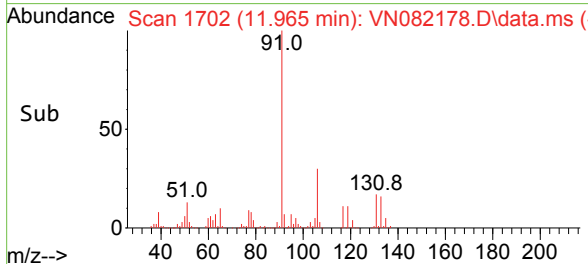
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



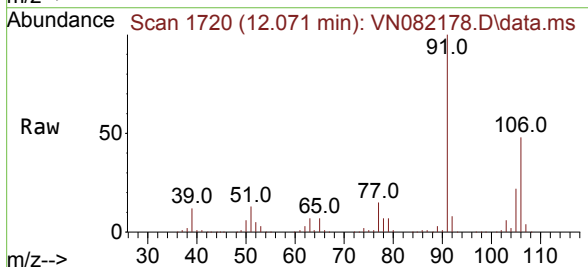
Tgt Ion: 91 Resp: 632512
Ion Ratio Lower Upper
91 100
106 29.7 25.3 37.9

Manual Integrations
APPROVED

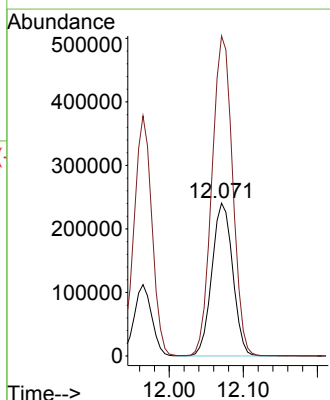
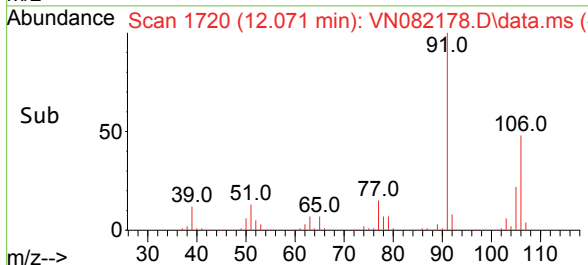
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

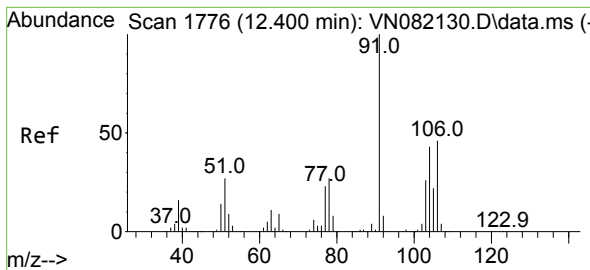


#68
m/p-Xylenes
Concen: 105.801 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



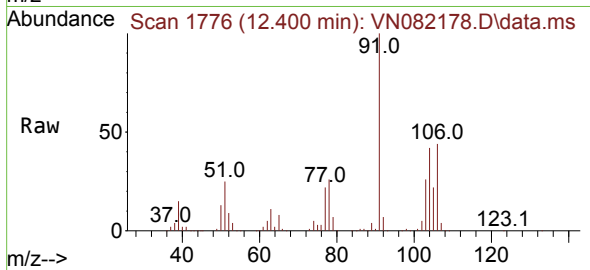
Tgt Ion:106 Resp: 469238
Ion Ratio Lower Upper
106 100
91 208.4 159.4 239.0





#69
o-Xylene
Concen: 51.821 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

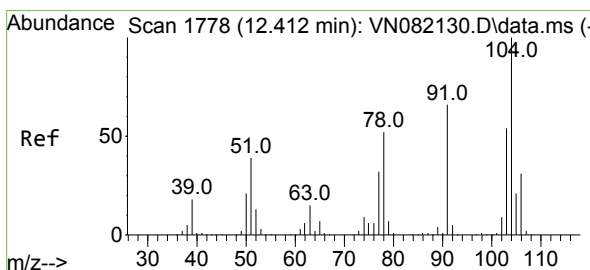
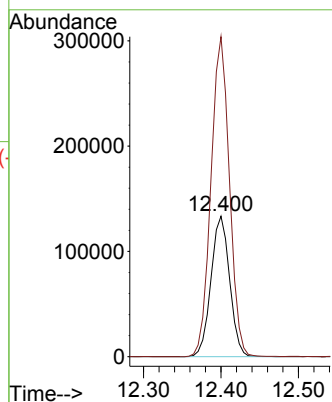
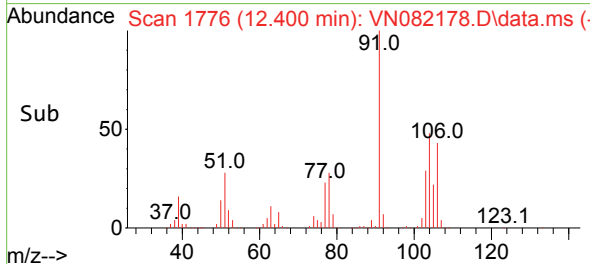
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 222630
Ion Ratio Lower Upper
106 100
91 226.3 104.7 314.1

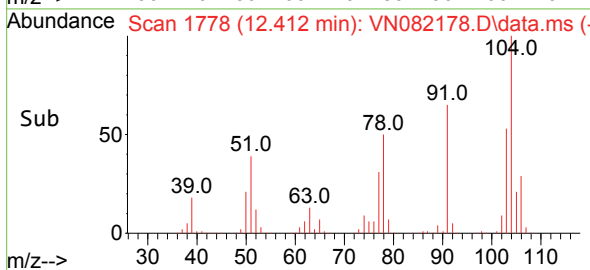
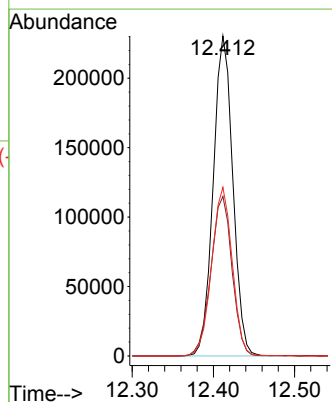
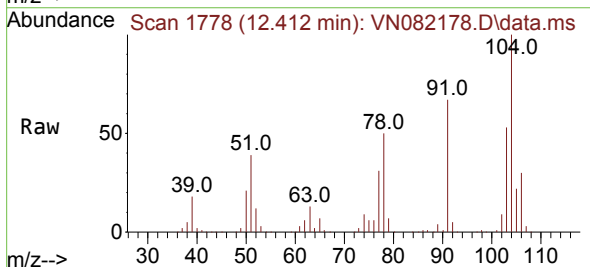
Manual Integrations
APPROVED

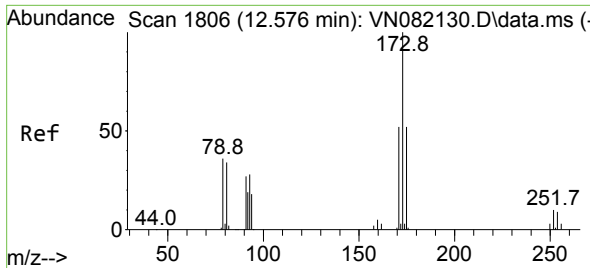
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#70
Styrene
Concen: 54.276 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

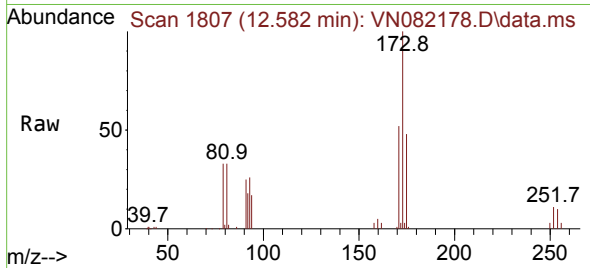
Tgt Ion:104 Resp: 387310
Ion Ratio Lower Upper
104 100
78 53.8 38.6 58.0
103 55.4 43.8 65.6





#71
Bromoform
Concen: 48.553 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

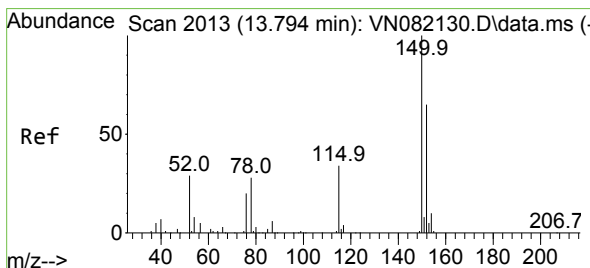
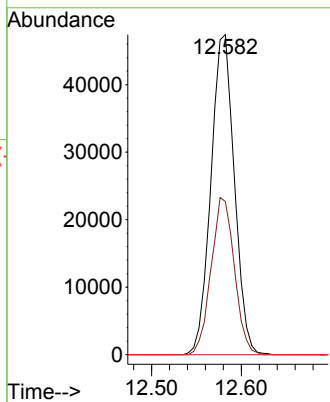
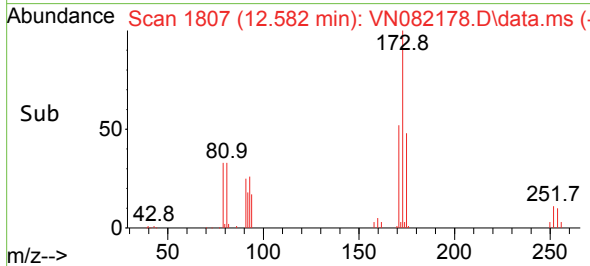
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 8601
Ion Ratio Lower Upper
173 100
175 48.6 24.6 74.0
254 0.0 0.0 0.0

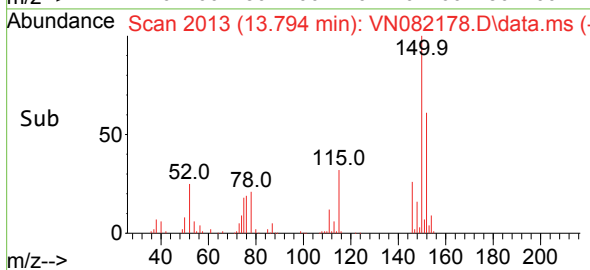
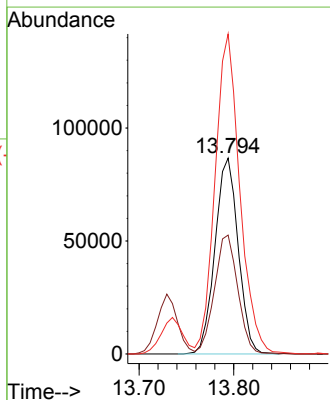
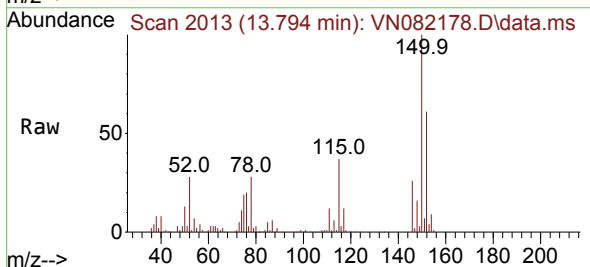
Manual Integrations
APPROVED

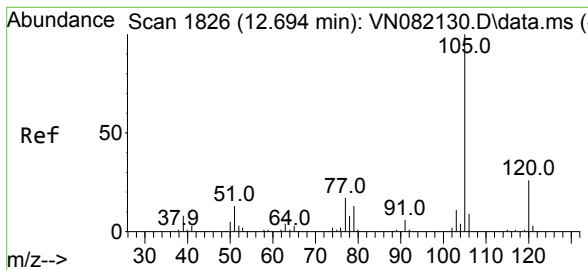
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Tgt Ion:152 Resp: 147596
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 174.2 0.0 353.2





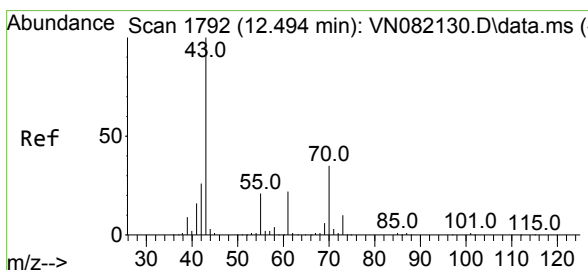
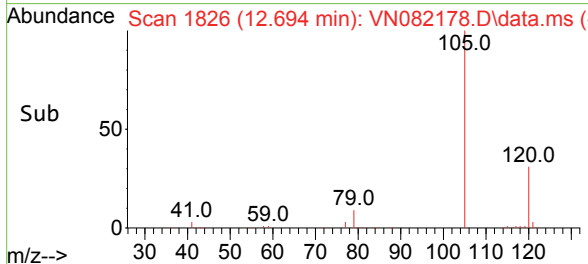
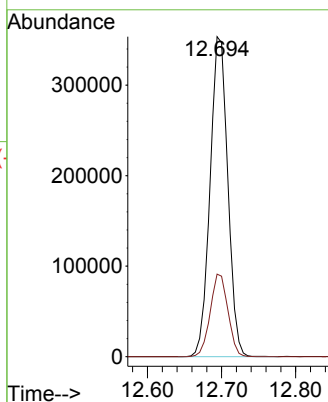
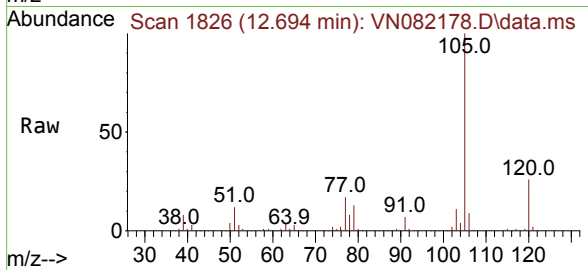
#73
Isopropylbenzene
Concen: 50.045 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:105 Resp: 58681
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

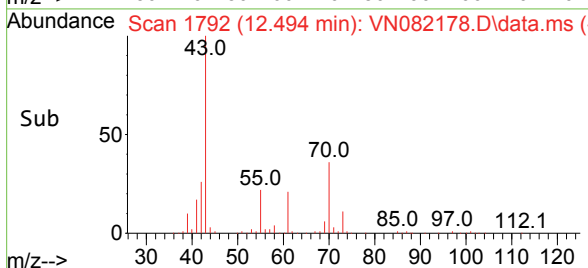
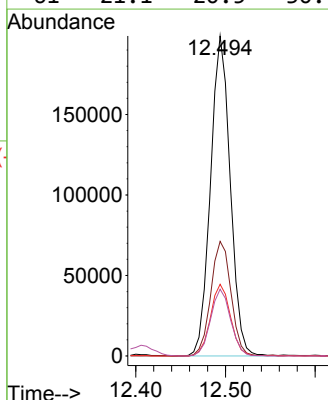
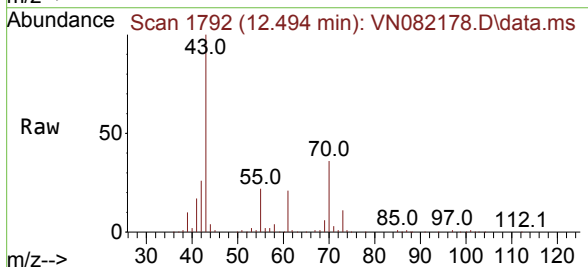
Manual Integrations
APPROVED

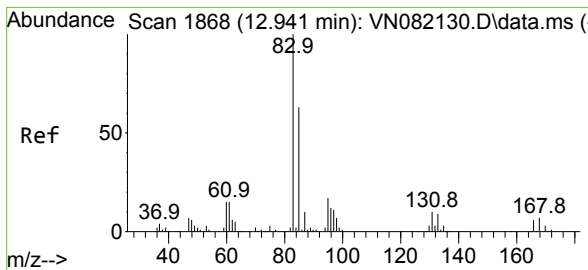
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#74
N-ethyl acetate
Concen: 47.112 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

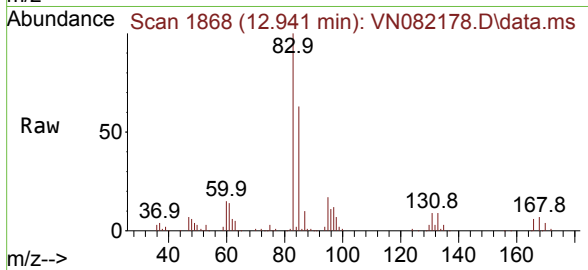
Tgt Ion: 43 Resp: 303864
Ion Ratio Lower Upper
43 100
70 36.6 39.0 58.4#
55 22.7 21.3 31.9
61 21.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.692 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

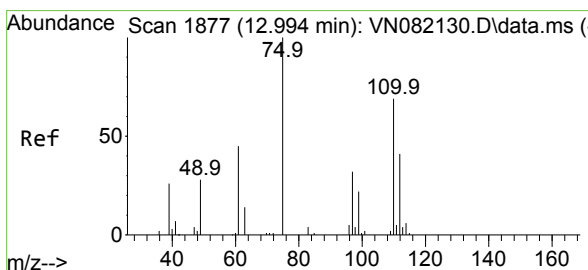
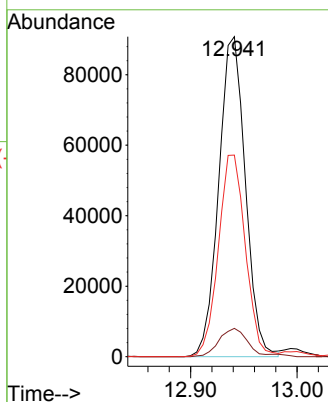
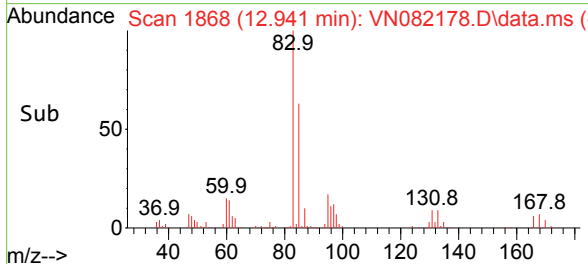
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 157824
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.4
85 63.9 32.9 98.6

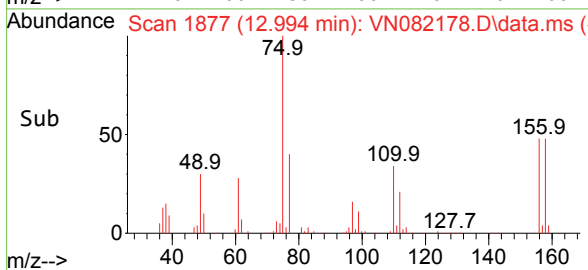
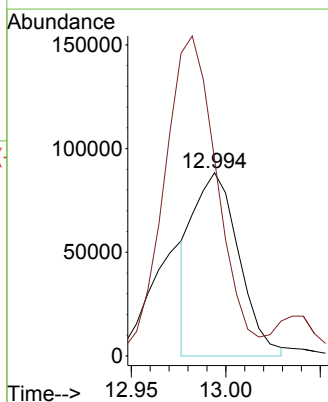
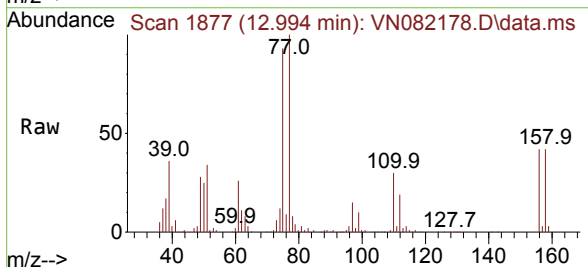
Manual Integrations
APPROVED

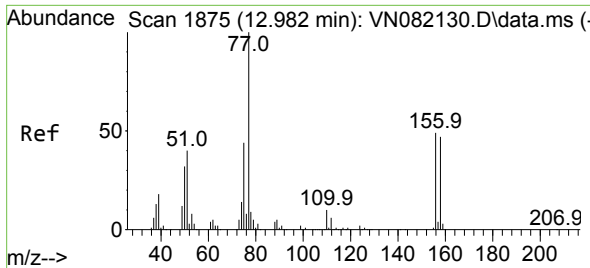
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#76
1,2,3-Trichloropropane
Concen: 47.953 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

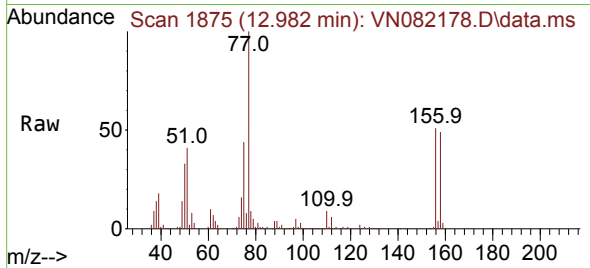
Tgt Ion: 75 Resp: 148968
Ion Ratio Lower Upper
75 100
77 203.1 90.5 271.3





#77
Bromobenzene
Concen: 48.010 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

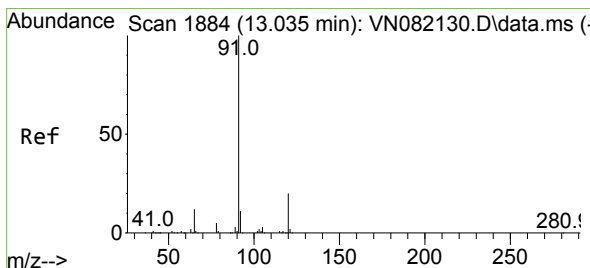
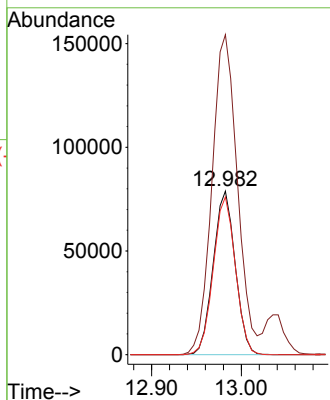
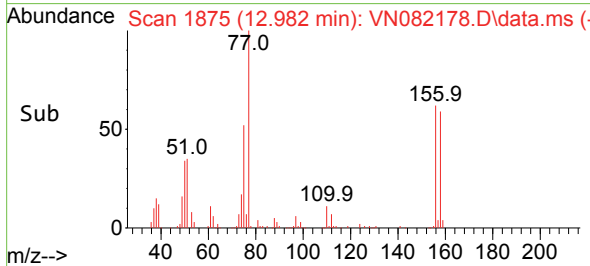
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



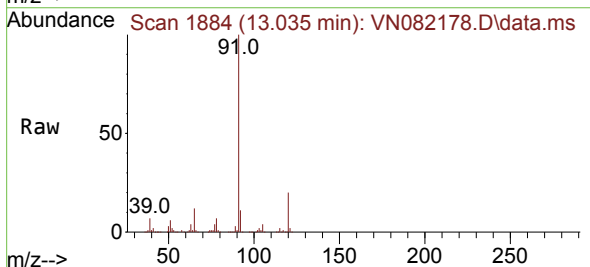
Tgt Ion:156 Resp: 134159
Ion Ratio Lower Upper
156 100
77 225.5 100.2 300.6
158 97.0 49.1 147.3

Manual Integrations
APPROVED

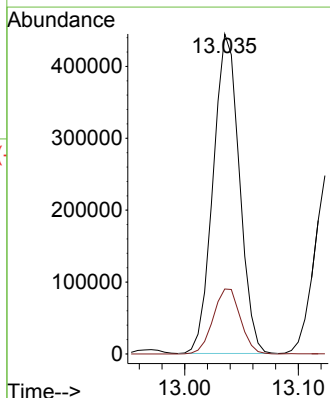
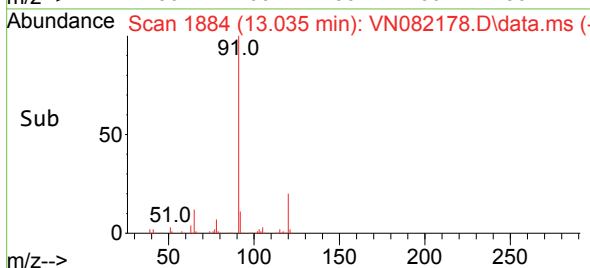
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

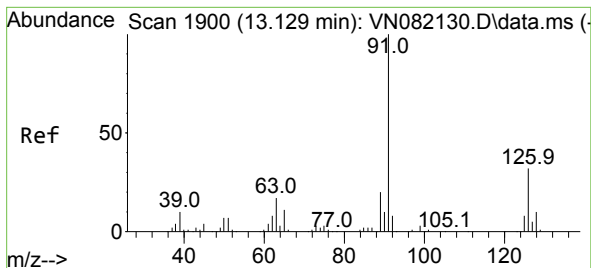


#78
n-propylbenzene
Concen: 51.378 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



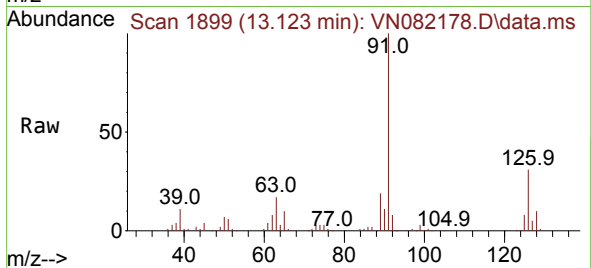
Tgt Ion: 91 Resp: 713384
Ion Ratio Lower Upper
91 100
120 21.1 11.7 35.0





#79
2-Chlorotoluene
Concen: 48.956 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

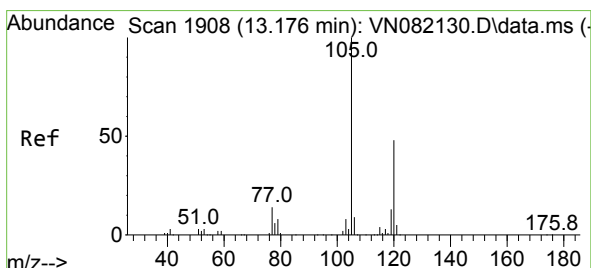
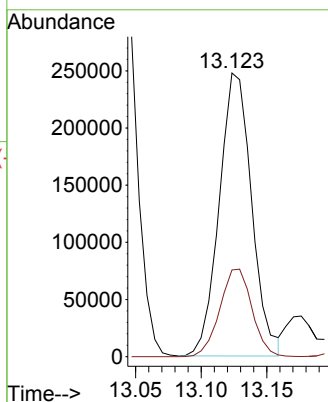
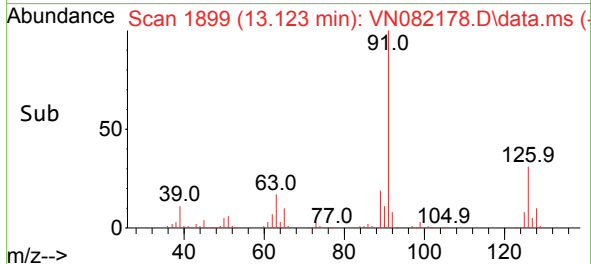
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 426849
Ion Ratio Lower Upper
91 100
126 30.7 17.5 52.5

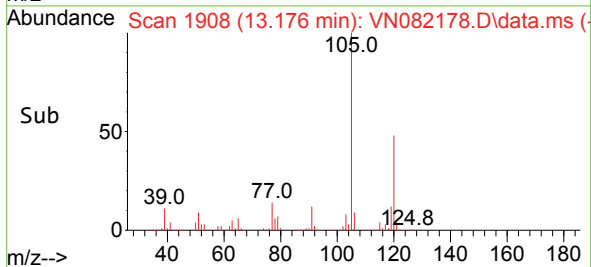
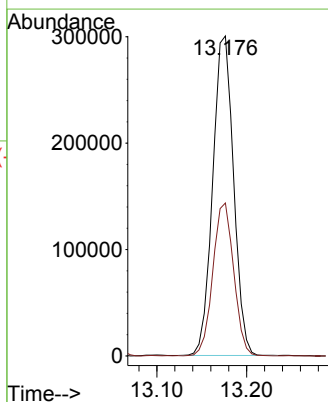
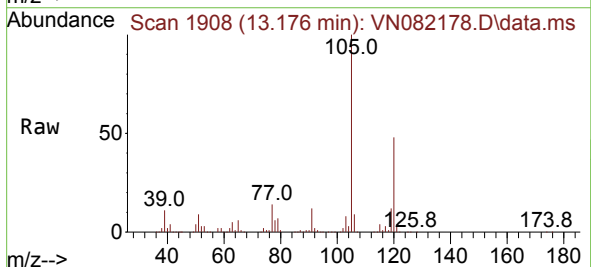
Manual Integrations
APPROVED

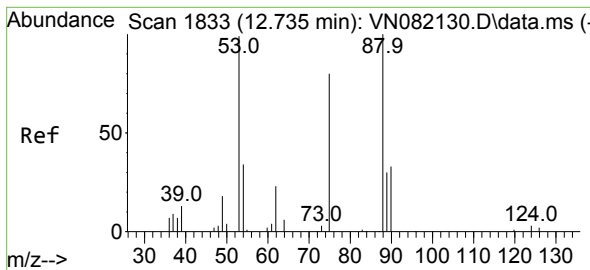
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.097 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

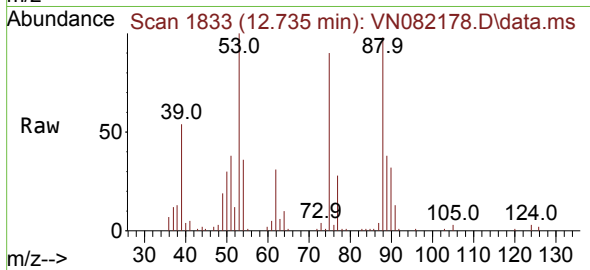
Tgt Ion:105 Resp: 484471
Ion Ratio Lower Upper
105 100
120 47.8 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.905 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

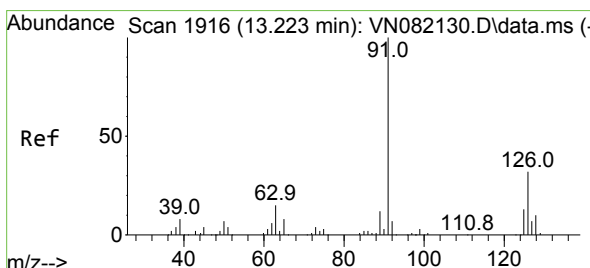
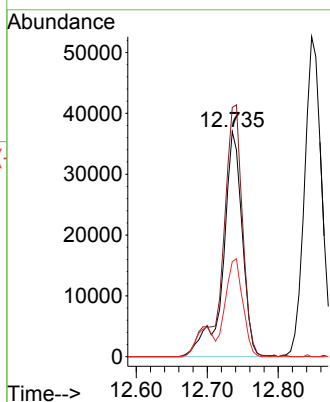
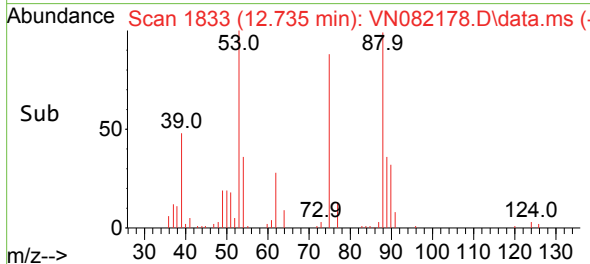
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



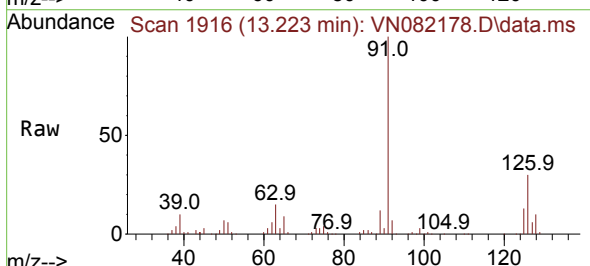
Tgt Ion: 75 Resp: 68939
Ion Ratio Lower Upper
75 100
53 115.0 72.9 109.3
89 39.5 39.1 58.7

Manual Integrations
APPROVED

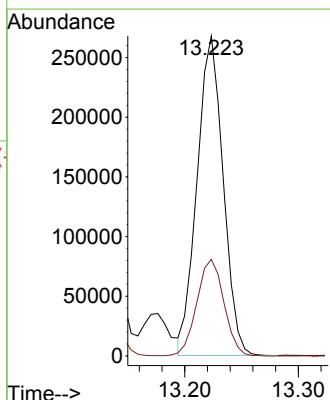
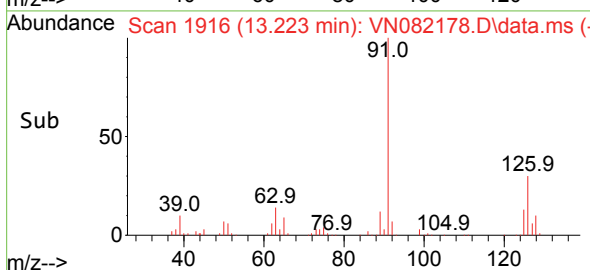
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

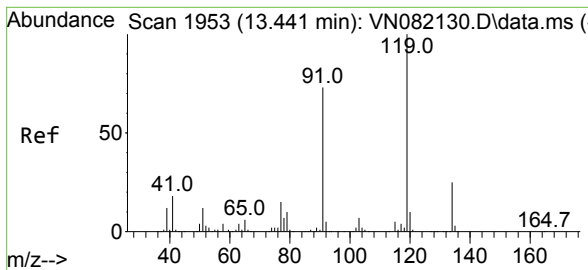


#82
4-Chlorotoluene
Concen: 50.083 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



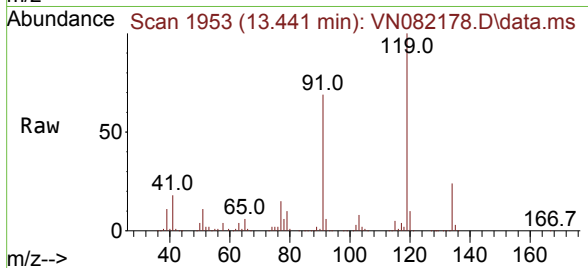
Tgt Ion: 91 Resp: 426953
Ion Ratio Lower Upper
91 100
126 31.5 17.4 52.3





#83
tert-Butylbenzene
Concen: 50.383 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

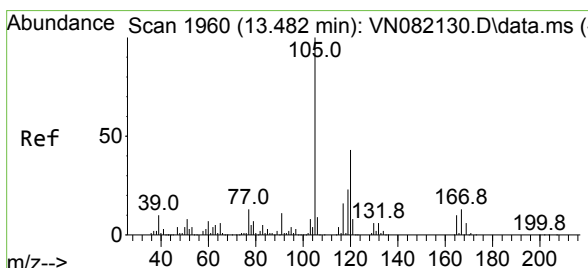
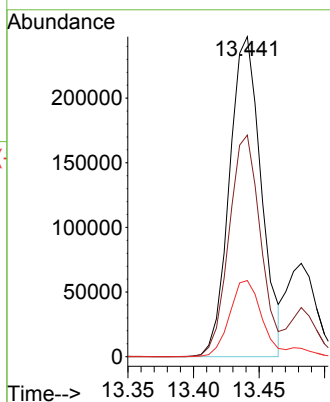
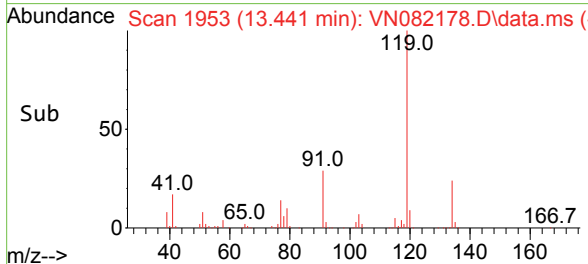
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



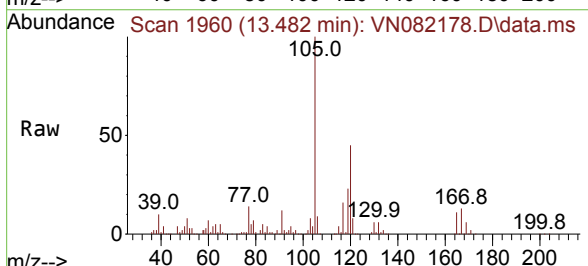
Tgt Ion:119 Resp: 417914
Ion Ratio Lower Upper
119 100
91 68.6 32.6 97.8
134 24.1 12.4 37.0

Manual Integrations
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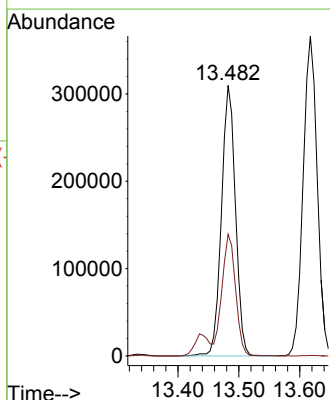
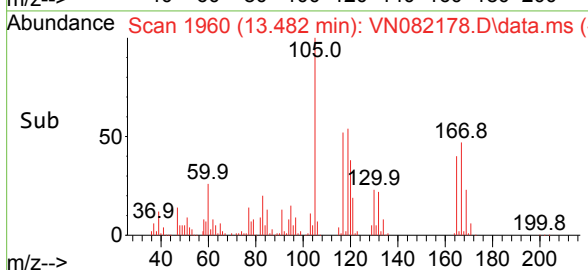
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

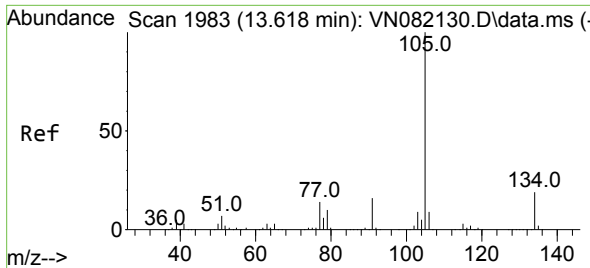


#84
1,2,4-Trimethylbenzene
Concen: 51.011 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



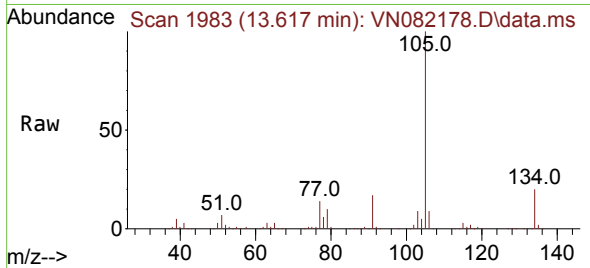
Tgt Ion:105 Resp: 494813
Ion Ratio Lower Upper
105 100
120 43.3 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 51.107 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42

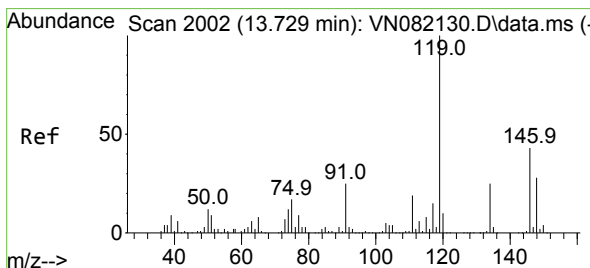
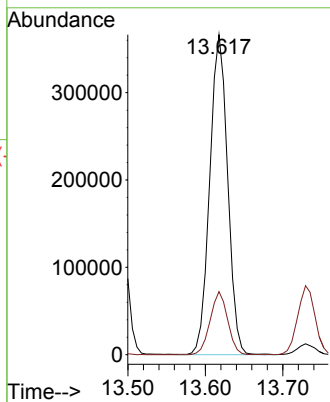
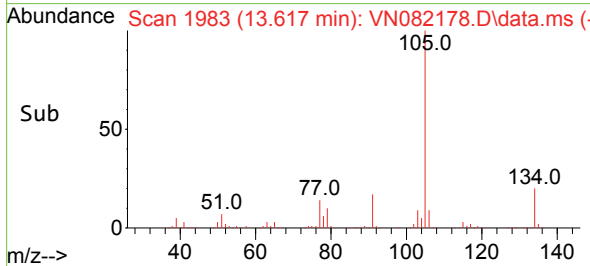
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



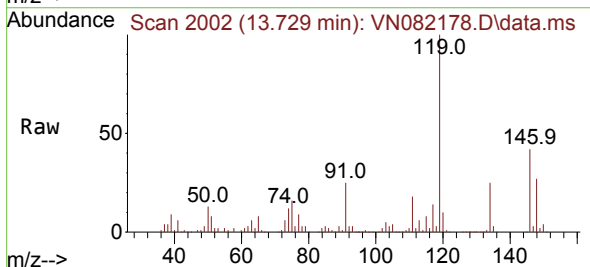
Tgt Ion:105 Resp: 587588
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4

Manual Integrations
 APPROVED

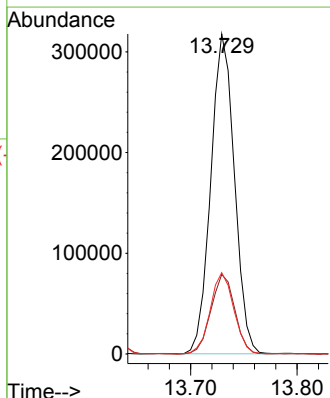
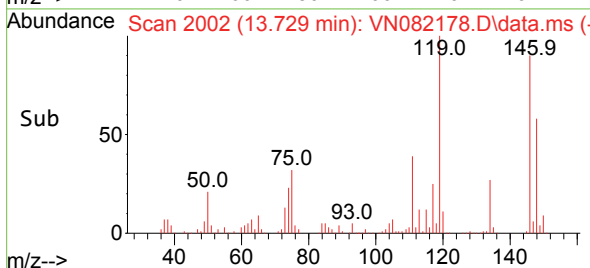
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024

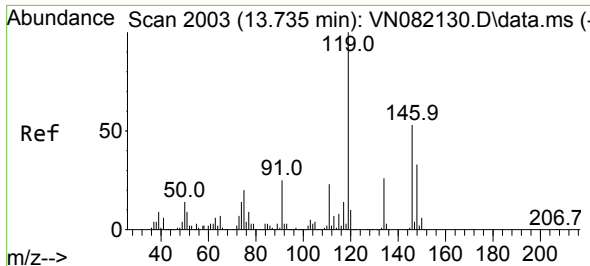


#86
 p-Isopropyltoluene
 Concen: 52.264 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42



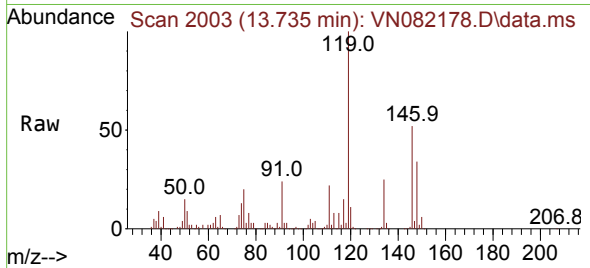
Tgt Ion:119 Resp: 488344
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.2 39.5
 91 25.5 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 49.797 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42

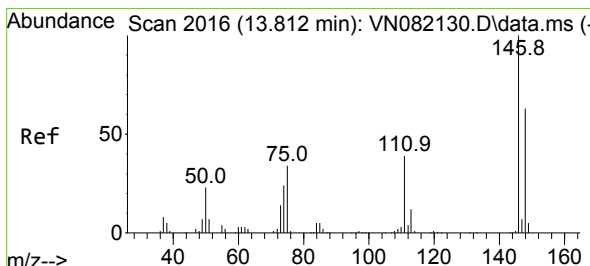
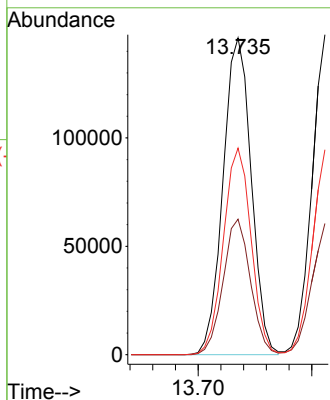
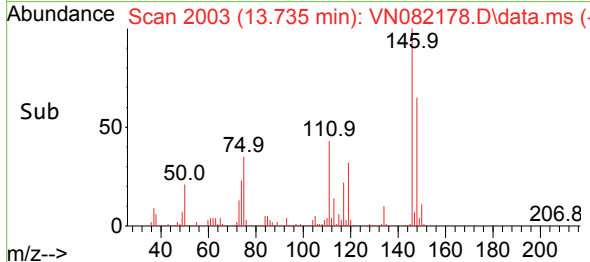
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



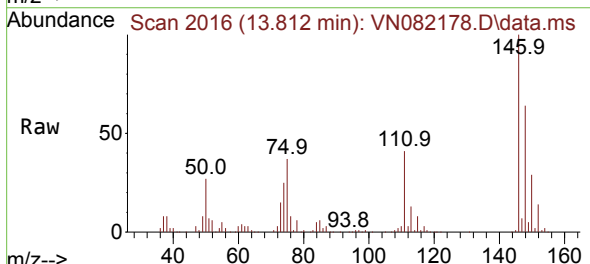
Tgt Ion:146 Resp: 252102
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 64.2 32.1 96.3

Manual Integrations
 APPROVED

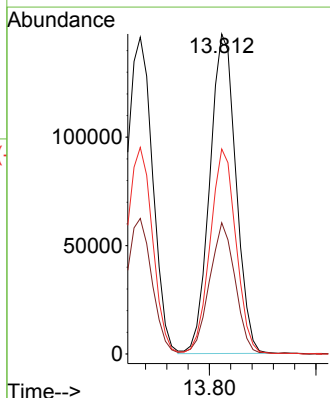
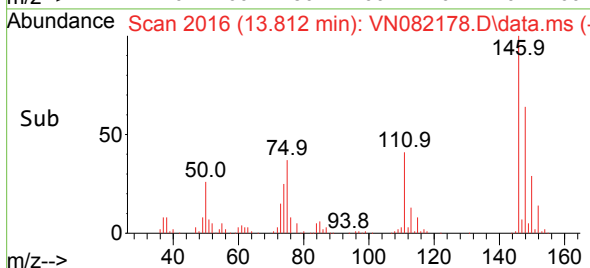
Reviewed By :John Carlone 05/20/2024
 Supervised By :Mahesh Dadoda 05/20/2024

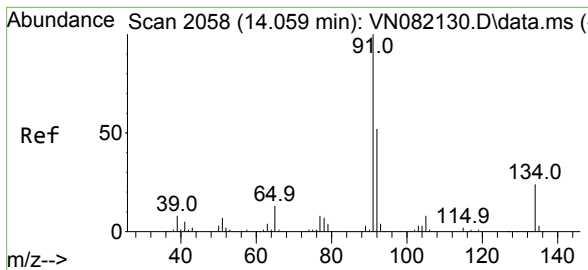


#88
 1,4-Dichlorobenzene
 Concen: 48.617 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082178.D
 Acq: 17 May 2024 14:42



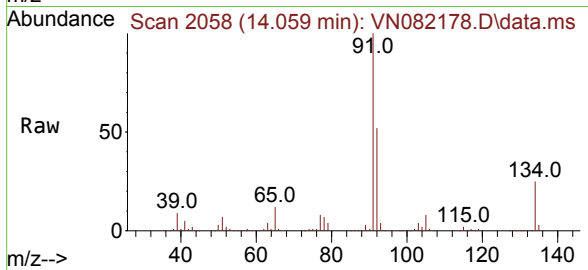
Tgt Ion:146 Resp: 251205
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.3 57.9
 148 63.6 31.3 93.9





#89
n-Butylbenzene
Concen: 52.383 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

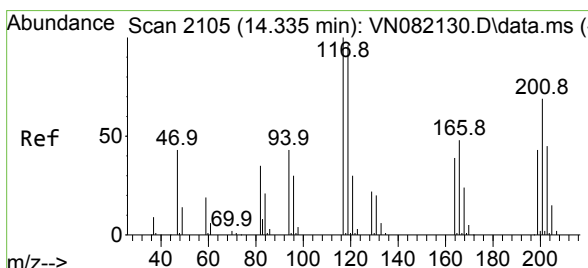
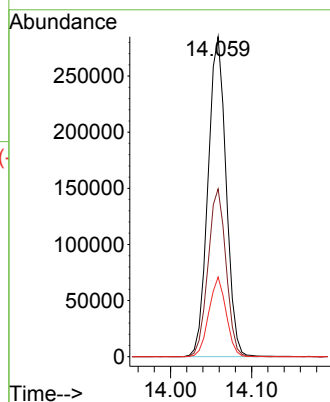
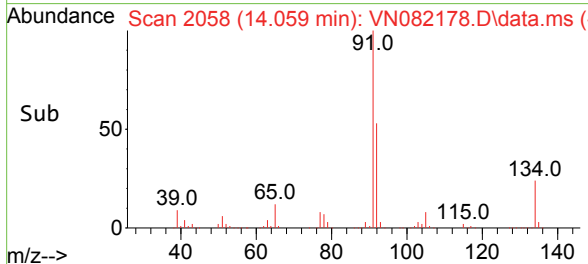
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



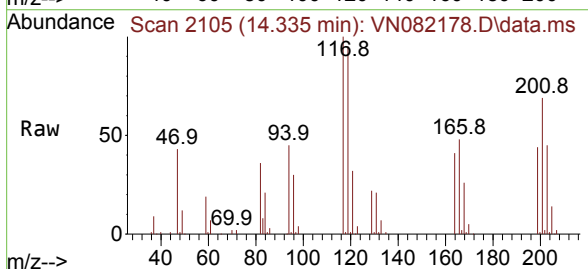
Tgt Ion: 91 Resp: 439930
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 23.8 13.2 39.5

Manual Integrations
APPROVED

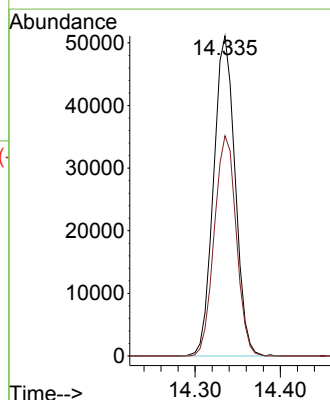
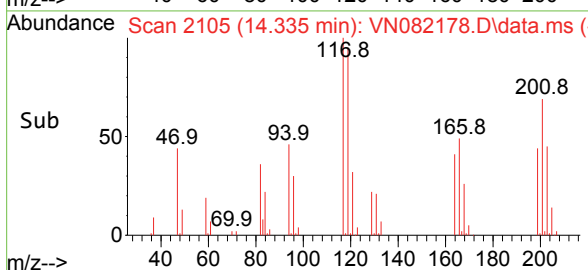
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024

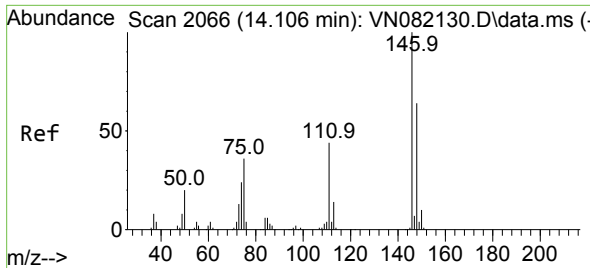


#90
Hexachloroethane
Concen: 51.760 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42



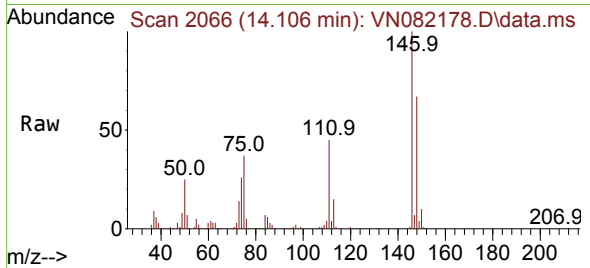
Tgt Ion:117 Resp: 89606
Ion Ratio Lower Upper
117 100
201 70.2 33.3 99.8





#91
1,2-Dichlorobenzene
Concen: 49.647 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

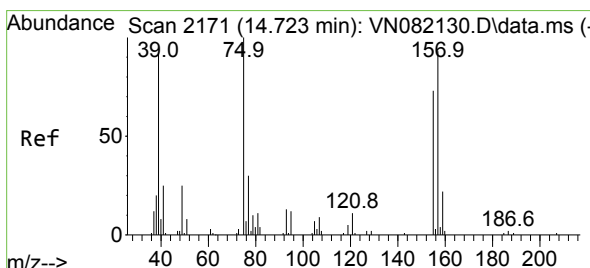
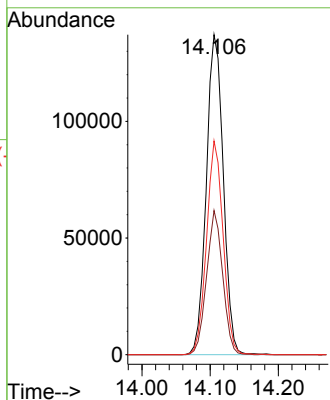
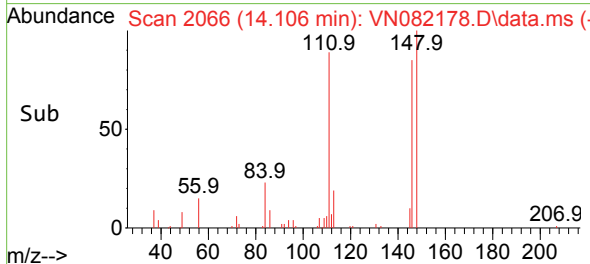
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 23791
Ion Ratio Lower Upper
146 100
111 42.8 21.3 64.0
148 65.3 31.8 95.4

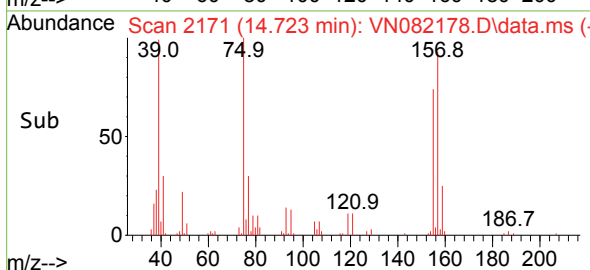
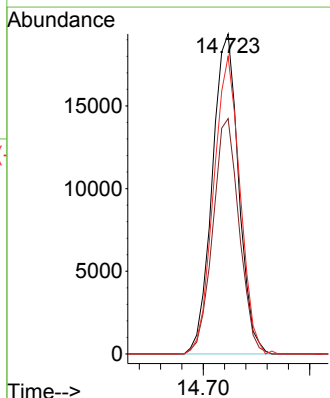
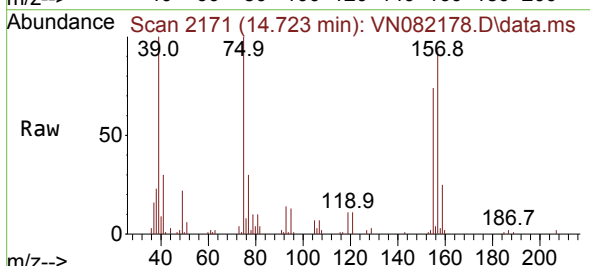
Manual Integrations
APPROVED

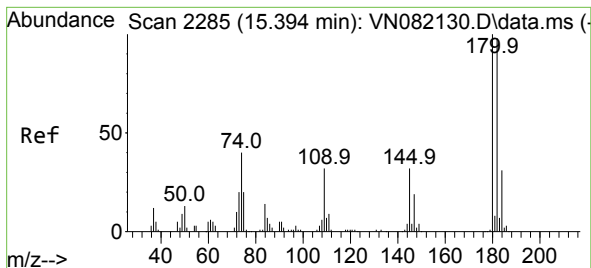
Reviewed By :John Carlone 05/20/2024
Supervised By :Mahesh Dadoda 05/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.854 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082178.D
Acq: 17 May 2024 14:42

Tgt Ion: 75 Resp: 33233
Ion Ratio Lower Upper
75 100
155 73.3 42.6 128.0
157 93.0 53.0 159.0





#93

1,2,4-Trichlorobenzene

Concen: 51.101 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

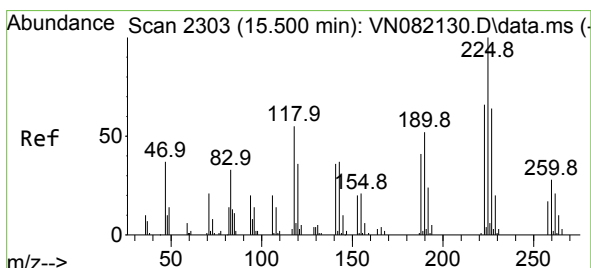
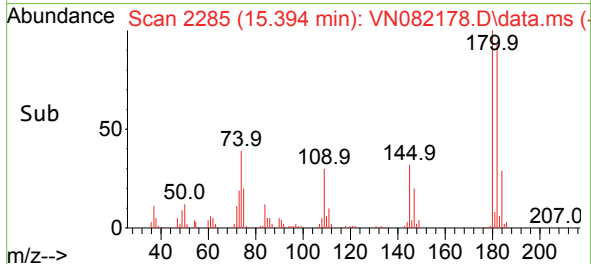
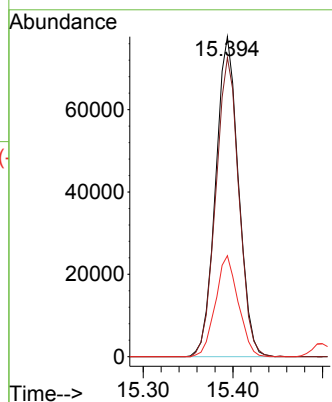
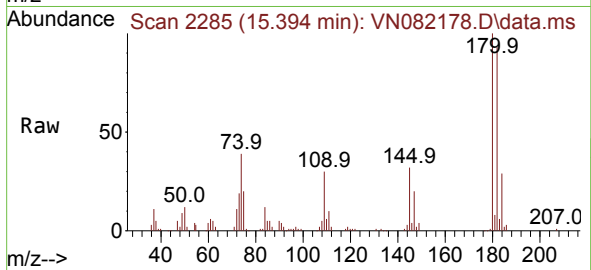
Tgt Ion:	180	Resp:	13726
Ion Ratio	Lower	Upper	
180	100		
182	94.5	46.7	140.0
145	31.4	16.2	48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/20/2024

Supervised By :Mahesh Dadoda 05/20/2024



#94

Hexachlorobutadiene

Concen: 46.660 ug/l

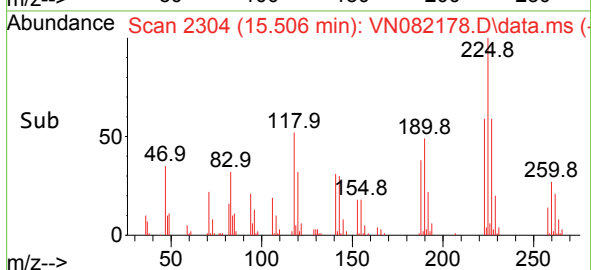
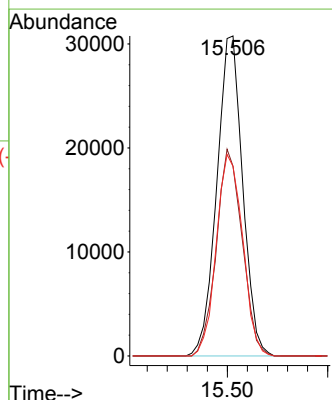
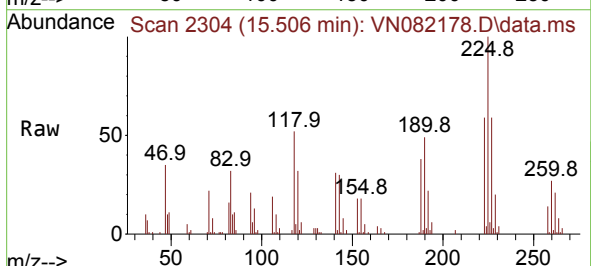
RT: 15.506 min Scan# 2304

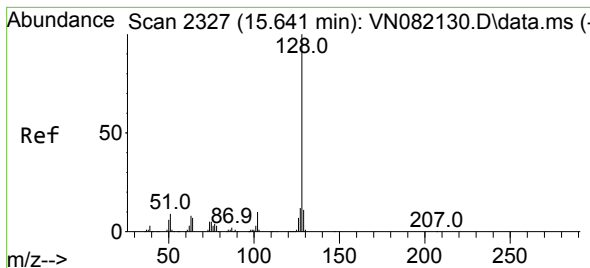
Delta R.T. 0.006 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Tgt Ion:	225	Resp:	54996
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.1	93.2
227	64.1	30.6	91.6





#95

Naphthalene

Concen: 51.076 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 429950

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

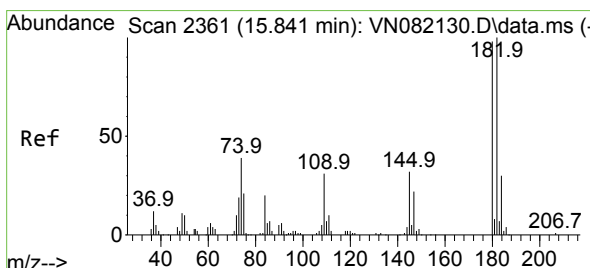
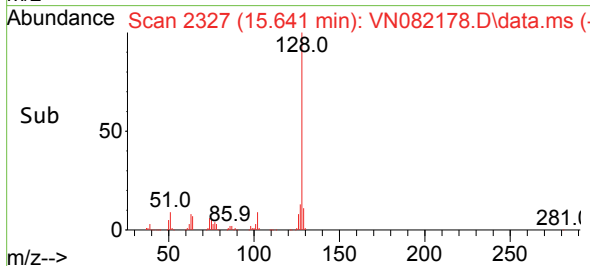
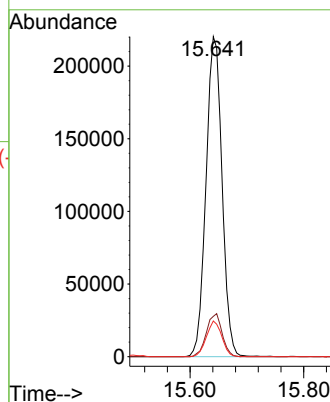
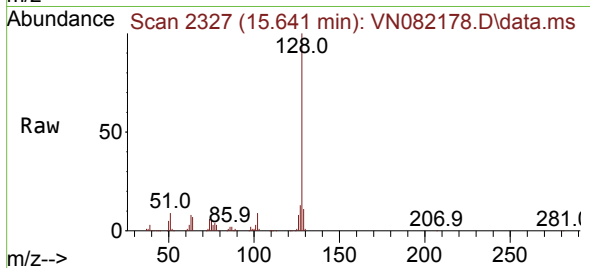
129 10.7 8.9 13.3

Manual Integrations

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#96

1,2,3-Trichlorobenzene

Concen: 50.023 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082178.D

Acq: 17 May 2024 14:42

Tgt Ion:180 Resp: 134514

Ion Ratio Lower Upper

180 100

182 95.5 46.0 137.8

145 33.4 17.1 51.3

