

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082282.D
 Acq On : 22 May 2024 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2024
 Supervised By : Mahesh Dadoda 05/23/2024

Quant Time: May 23 01:47:47 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)

Internal Standards						
1) Pentafluorobenzene	8.224	168	242872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	410694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	369969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	180811	47.147	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.300%		
35) Dibromofluoromethane	8.165	113	124626	49.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	10.571	98	468806	48.400	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.800%		
62) 4-Bromofluorobenzene	12.847	95	178137	51.527	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	153093	43.721	ug/l	99
3) Chloromethane	2.365	50	154105	38.833	ug/l	99
4) Vinyl Chloride	2.518	62	154386	41.383	ug/l	95
5) Bromomethane	2.953	94	84045	39.193	ug/l	100
6) Chloroethane	3.124	64	100700	41.338	ug/l	100
7) Trichlorofluoromethane	3.500	101	235863	48.281	ug/l	99
8) Diethyl Ether	3.959	74	85639	49.209	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	130401	45.695	ug/l	98
10) Methyl Iodide	4.589	142	143800	50.125	ug/l	94
11) Tert butyl alcohol	5.518	59	144131	234.129	ug/l	100
12) 1,1-Dichloroethene	4.341	96	124876	47.079	ug/l #	74
13) Acrolein	4.177	56	82736	181.365	ug/l	99
14) Allyl chloride	5.024	41	251237	44.241	ug/l #	90
15) Acrylonitrile	5.718	53	372048	233.355	ug/l	99
16) Acetone	4.424	43	329695	209.571	ug/l	92
17) Carbon Disulfide	4.718	76	340572	39.754	ug/l	97
18) Methyl Acetate	5.024	43	180529	46.079	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	481108	49.623	ug/l	94
20) Methylene Chloride	5.277	84	141910	44.709	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	132592	45.871	ug/l #	78
22) Diisopropyl ether	6.671	45	550390	46.414	ug/l #	91
23) Vinyl Acetate	6.600	43	2214642	236.875	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	278312	45.534	ug/l	98
25) 2-Butanone	7.482	43	540897	226.772	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	244641	47.786	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	161960	47.478	ug/l	82
28) Bromochloromethane	7.812	49	121077	45.384	ug/l #	79
29) Tetrahydrofuran	7.835	42	363823	237.570	ug/l #	83
30) Chloroform	7.971	83	281790	48.279	ug/l	99
31) Cyclohexane	8.259	56	252058	41.152	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	253235	48.904	ug/l	92
36) 1,1-Dichloropropene	8.371	75	196362	46.343	ug/l	96
37) Ethyl Acetate	7.559	43	229487	48.395	ug/l #	93
38) Carbon Tetrachloride	8.365	117	216347	50.369	ug/l	99
39) Methylcyclohexane	9.600	83	223449	48.111	ug/l #	83
40) Benzene	8.606	78	599723	47.464	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	129540	46.450	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	234835	48.325	ug/l	94
43) Isopropyl Acetate	8.688	43	412922	49.144	ug/l #	89
44) Trichloroethene	9.353	130	140270	48.872	ug/l	98
45) 1,2-Dichloropropane	9.624	63	150642	46.208	ug/l	94
46) Dibromomethane	9.712	93	103221	48.227	ug/l	99
47) Bromodichloromethane	9.888	83	223418	49.446	ug/l	98
48) Methyl methacrylate	9.682	41	195477	48.824	ug/l #	81
49) 1,4-Dioxane	9.694	88	55709	992.975	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	1179084	246.983	ug/l	90
52) Toluene	10.635	92	374596	49.402	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	241338	51.644	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	248590	50.256	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	135950	49.337	ug/l	99
56) Ethyl methacrylate	10.876	69	250586	53.563	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	246531	47.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	587543	243.482	ug/l	92
59) 2-Hexanone	11.194	43	875708	250.523	ug/l	90
60) Dibromochloromethane	11.359	129	163845	53.880	ug/l	100
61) 1,2-Dibromoethane	11.470	107	139986	49.460	ug/l	100
64) Tetrachloroethene	11.106	164	139769	50.970	ug/l	96
65) Chlorobenzene	11.894	112	401147	49.081	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138755	51.540	ug/l	99
67) Ethyl Benzene	11.965	91	735562	50.310	ug/l	98
68) m/p-Xylenes	12.070	106	546444	101.976	ug/l	93
69) o-Xylene	12.400	106	267975	51.626	ug/l	92
70) Styrene	12.412	104	458747	53.208	ug/l	95
71) Bromoform	12.582	173	107575	50.237	ug/l #	98
73) Isopropylbenzene	12.694	105	701344	50.365	ug/l	98
74) N-amyl acetate	12.494	43	364677	47.610	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	186325	46.418	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	184298m	49.955	ug/l	
77) Bromobenzene	12.982	156	160080	48.238	ug/l	88
78) n-propylbenzene	13.035	91	830792	50.383	ug/l	96
79) 2-Chlorotoluene	13.129	91	499699	48.259	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	582335	51.718	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	73724	46.741	ug/l #	72
82) 4-Chlorotoluene	13.223	91	503642	49.748	ug/l	93
83) tert-Butylbenzene	13.441	119	494002	50.149	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	583260	50.632	ug/l	98
85) sec-Butylbenzene	13.617	105	700571	51.310	ug/l	98
86) p-Isopropyltoluene	13.729	119	585854	52.797	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	295417	49.136	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	298682	48.676	ug/l	97
89) n-Butylbenzene	14.059	91	516064	51.743	ug/l	98
90) Hexachloroethane	14.335	117	103808	50.493	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	286240	50.297	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42000	50.926	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	161229	50.542	ug/l	98
94) Hexachlorobutadiene	15.500	225	65390	46.716	ug/l	96
95) Naphthalene	15.641	128	532459	53.262	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	159487	49.942	ug/l	97

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MSVOA_N
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VSTDCCC050

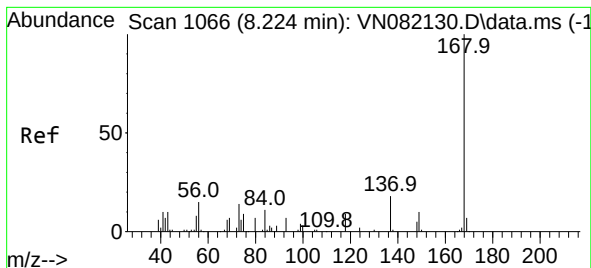
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

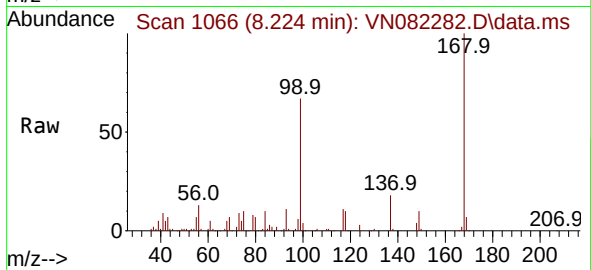
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082282.D
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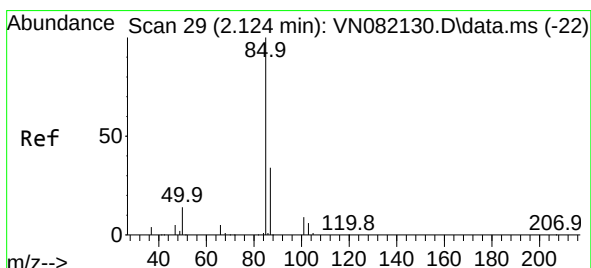
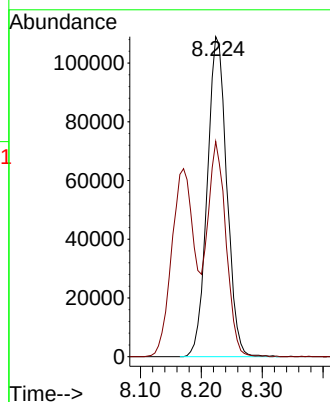
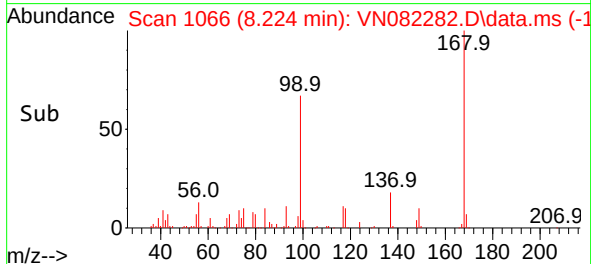
Instrument :
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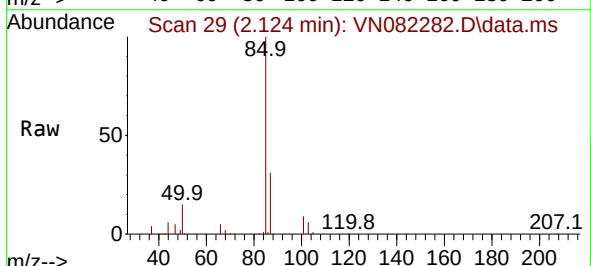
Tgt Ion:168 Resp: 242872
Ion Ratio Lower Upper
168 100
99 67.2 48.2 72.4

Manual Integrations
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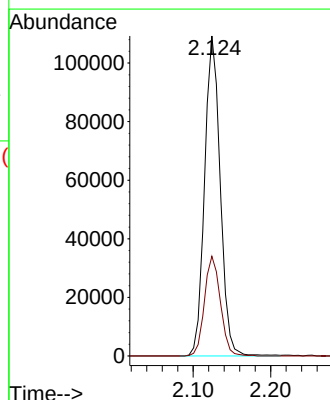
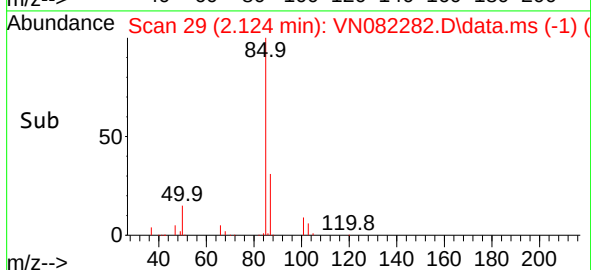
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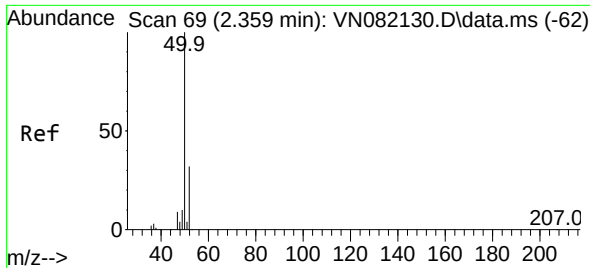


#2
Dichlorodifluoromethane
Concen: 43.721 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



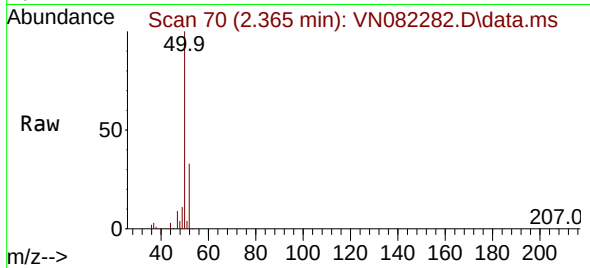
Tgt Ion: 85 Resp: 153093
Ion Ratio Lower Upper
85 100
87 31.2 15.8 47.4





#3
Chloromethane
Concen: 38.833 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

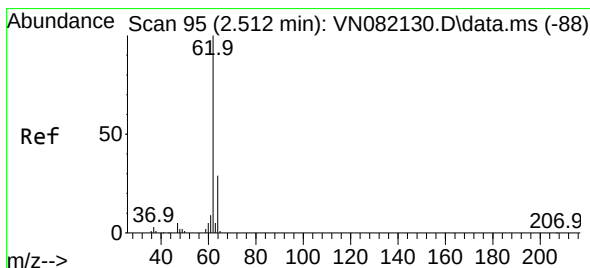
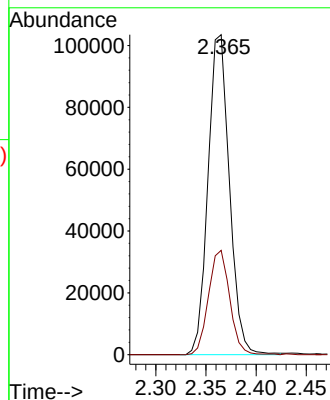
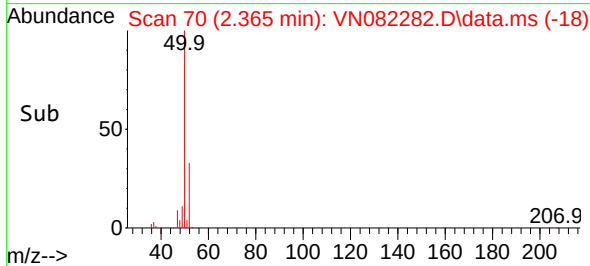
Instrument :
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Tgt Ion: 50 Resp: 15410
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

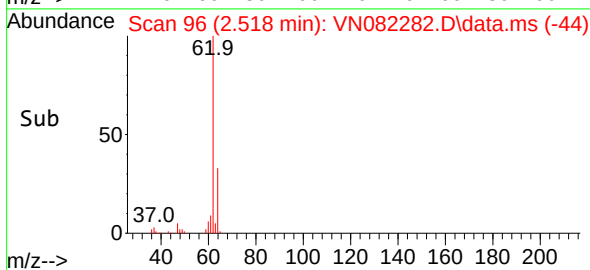
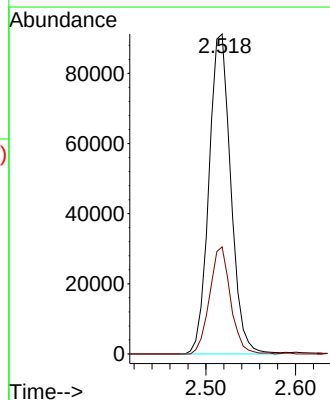
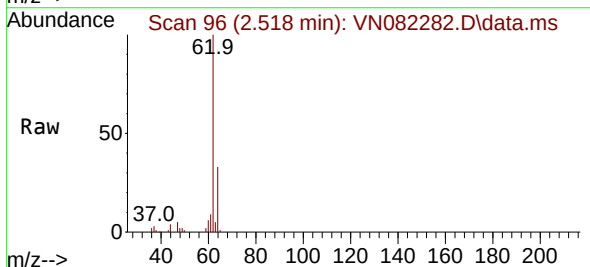
Manual Integrations
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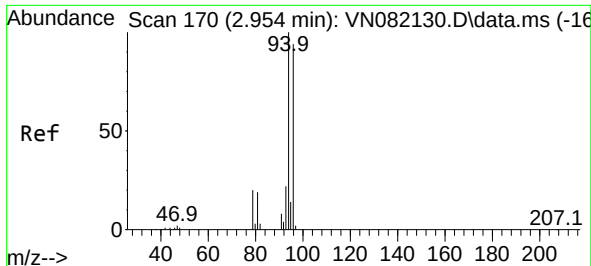
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#4
Vinyl Chloride
Concen: 41.383 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN082282.D
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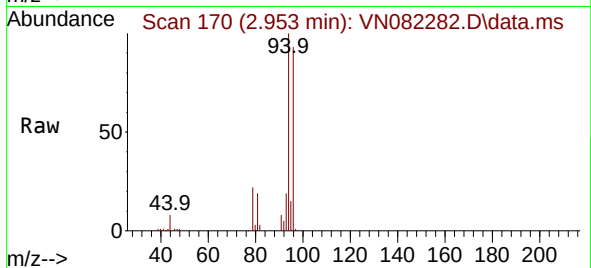
Tgt Ion: 62 Resp: 154386
Ion Ratio Lower Upper
62 100
64 33.5 24.6 37.0





#5
Bromomethane
Concen: 39.193 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082282.D
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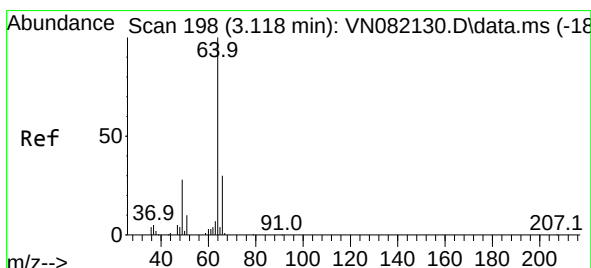
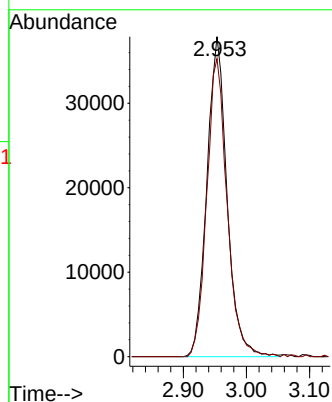
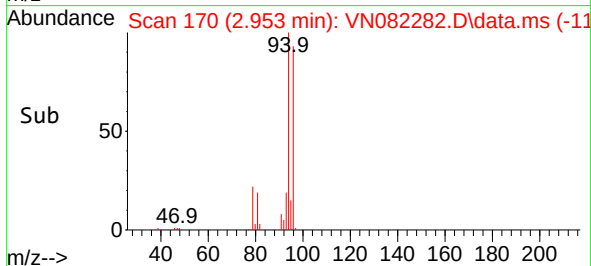
Instrument :
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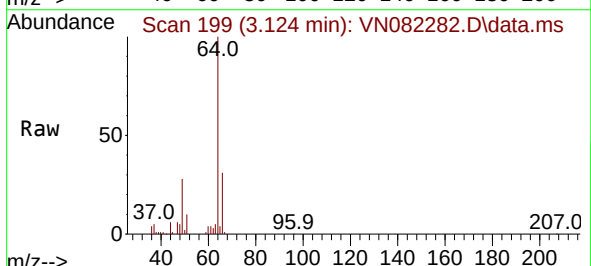
Tgt Ion: 94 Resp: 8404
Ion Ratio Lower Upper
94 100
96 93.2 74.8 112.2

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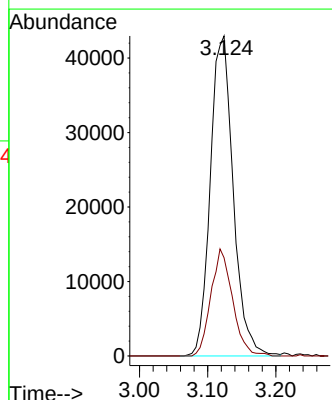
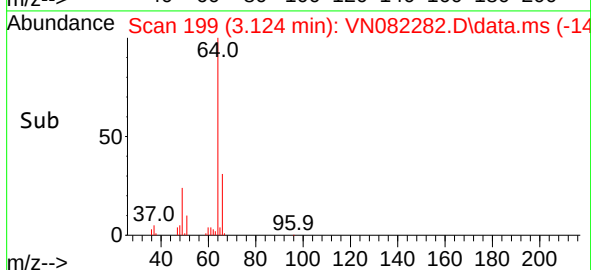
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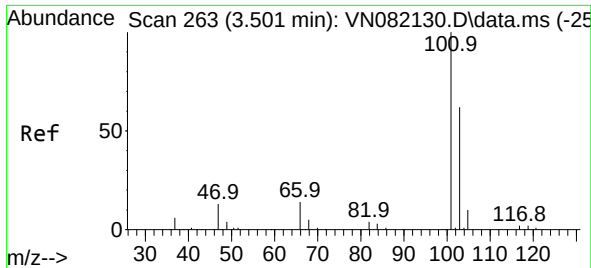


#6
Chloroethane
Concen: 41.338 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion: 64 Resp: 100700
Ion Ratio Lower Upper
64 100
66 30.7 24.7 37.1





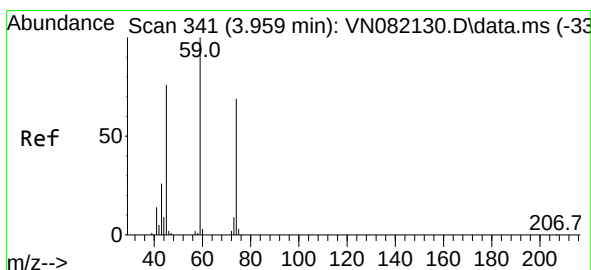
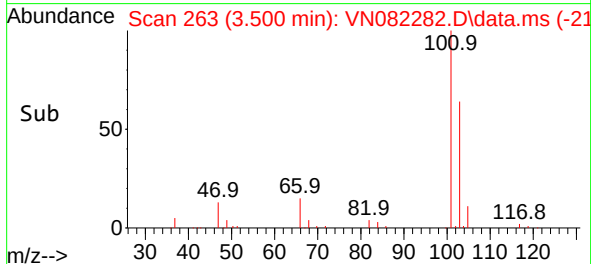
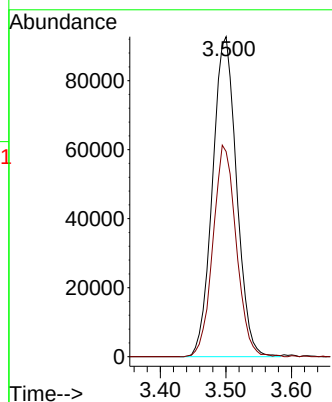
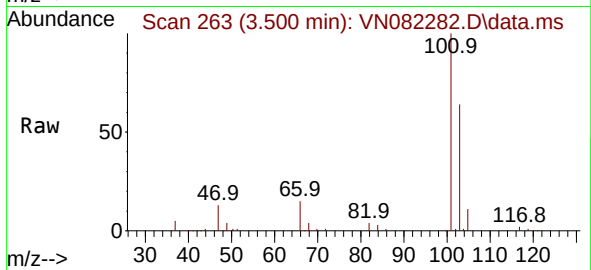
#7
 Trichlorofluoromethane
 Concen: 48.281 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

Instrument :
 MSVOA_N
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 VSTDCCC050

Tgt Ion:101 Resp: 23586
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.6 75.8

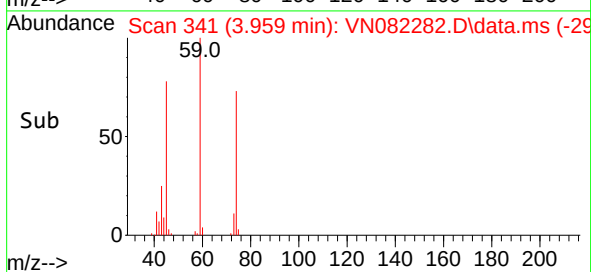
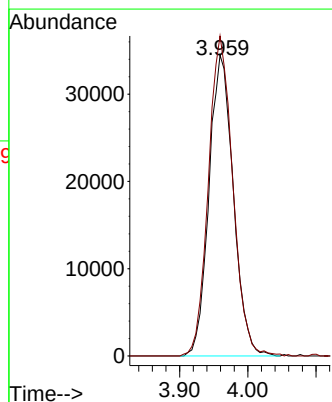
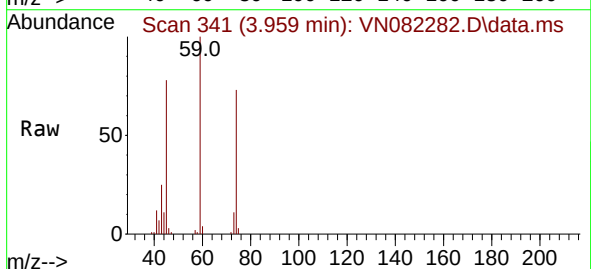
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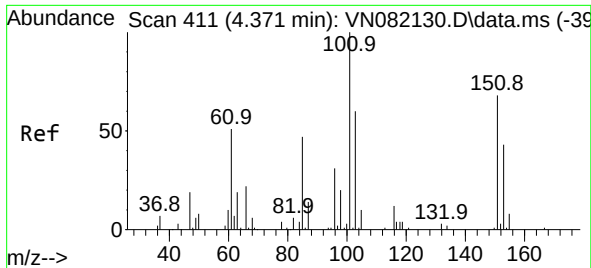
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#8
 Diethyl Ether
 Concen: 49.209 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 85639
 Ion Ratio Lower Upper
 74 100
 45 106.7 42.4 127.3





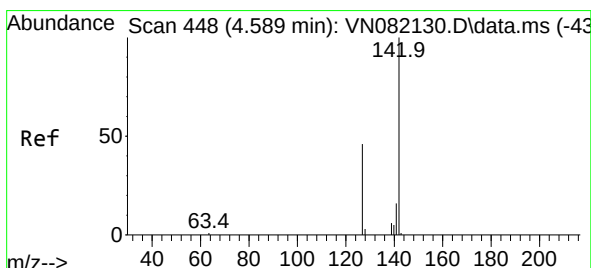
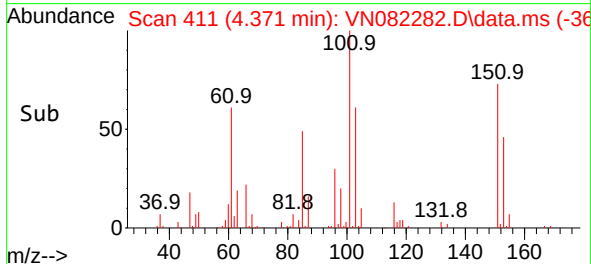
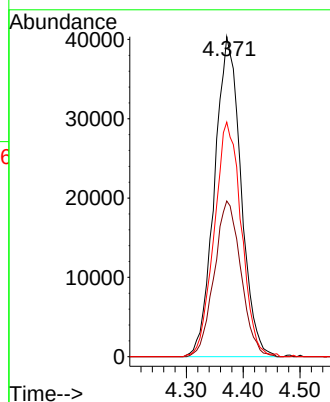
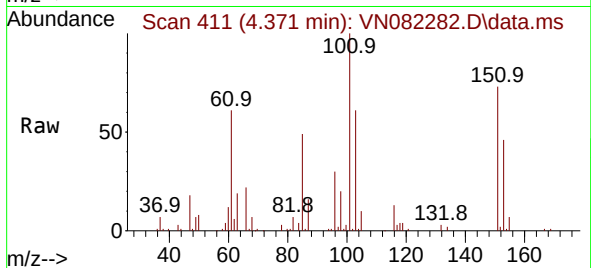
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.695 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13040
Ion Ratio Lower Upper
101 100
85 49.1 37.3 55.9
151 75.1 59.2 88.8

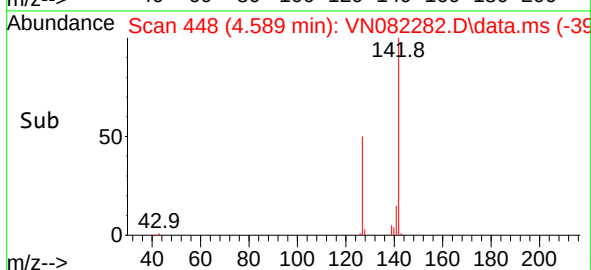
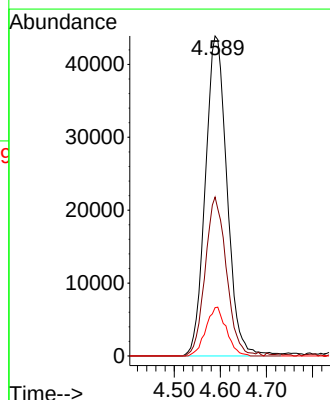
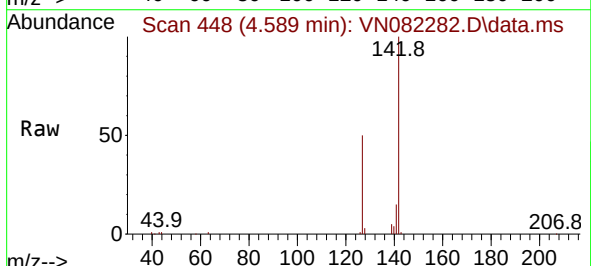
Manual Integrations
APPROVED

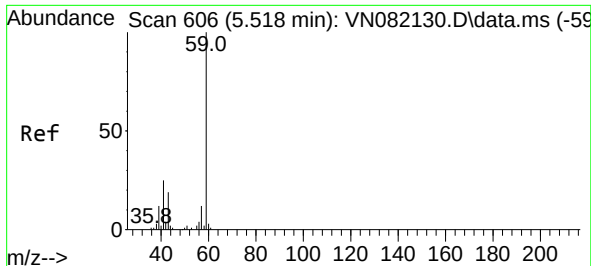
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#10
Methyl Iodide
Concen: 50.125 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

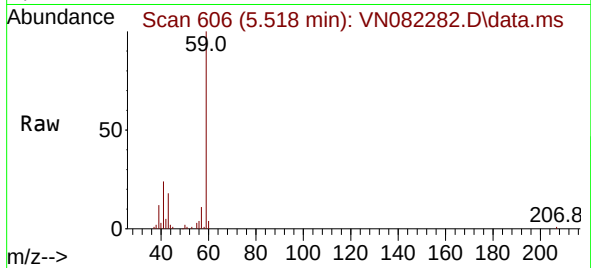
Tgt Ion:142 Resp: 143800
Ion Ratio Lower Upper
142 100
127 49.7 35.8 53.6
141 15.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 234.129 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

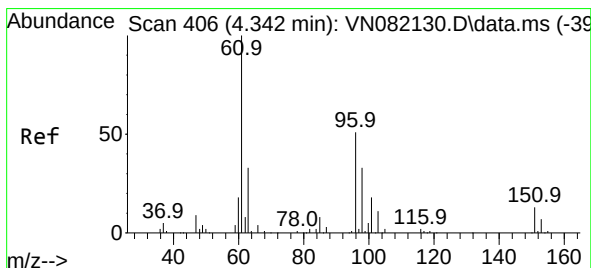
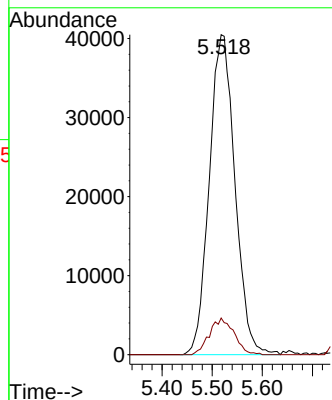
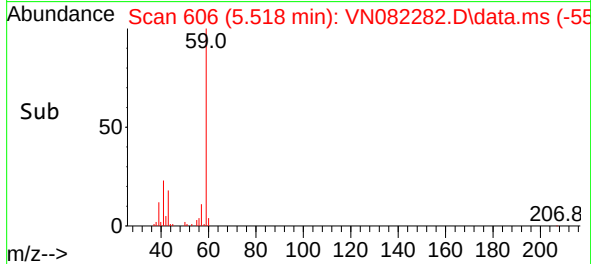
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



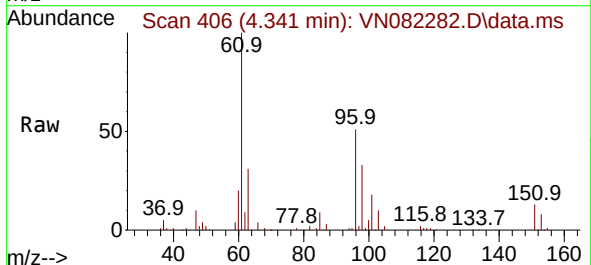
Tgt Ion: 59 Resp: 14413
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

Manual Integrations
APPROVED

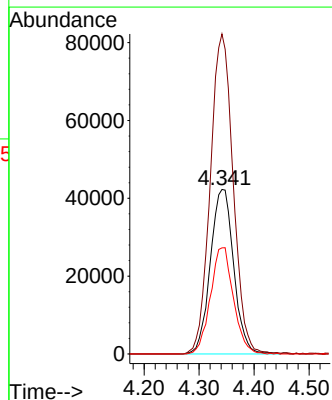
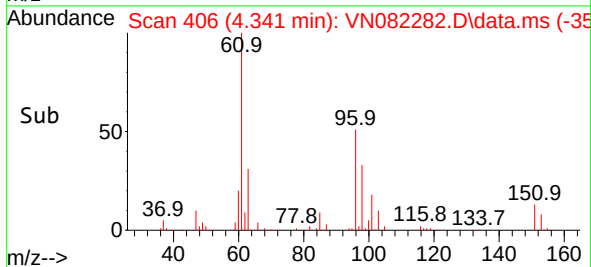
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

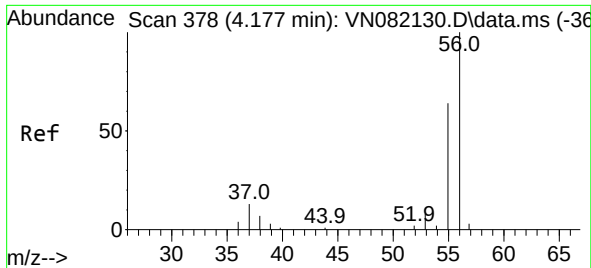


#12
1,1-Dichloroethene
Concen: 47.079 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



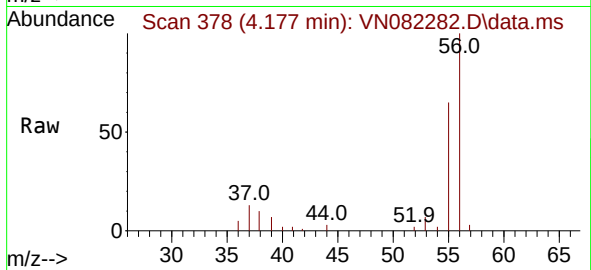
Tgt Ion: 96 Resp: 124876
Ion Ratio Lower Upper
96 100
61 194.6 119.7 179.5#
98 64.5 49.6 74.4





#13
Acrolein
Concen: 181.365 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

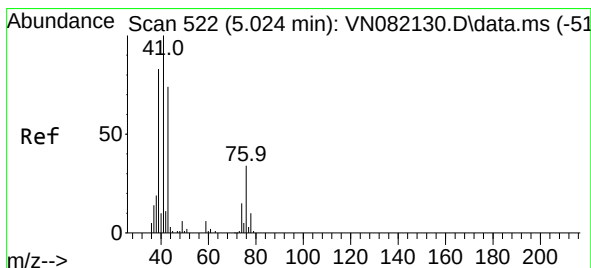
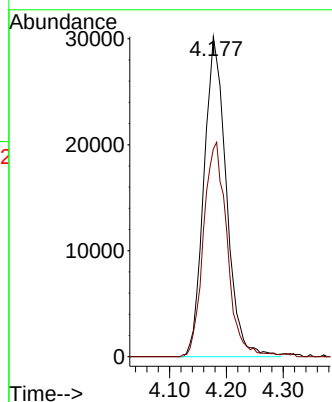
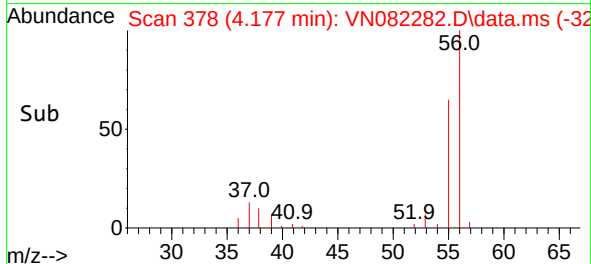
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 82730
Ion Ratio Lower Upper
56 100
55 70.6 55.8 83.8

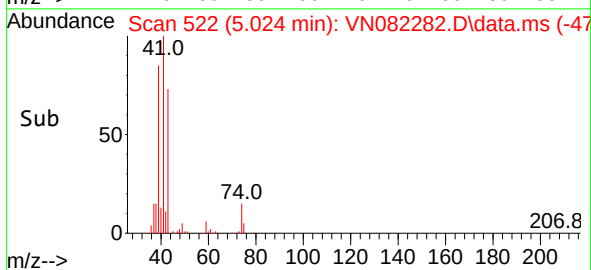
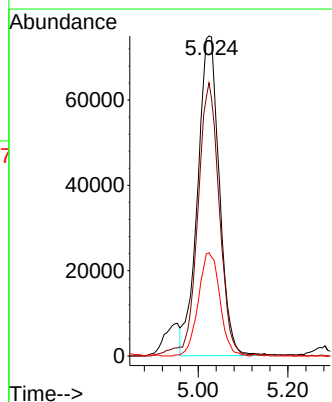
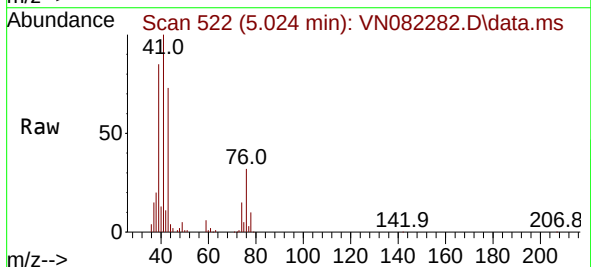
Manual Integrations
APPROVED

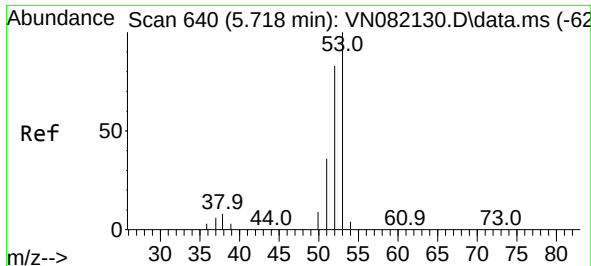
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#14
Allyl chloride
Concen: 44.241 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

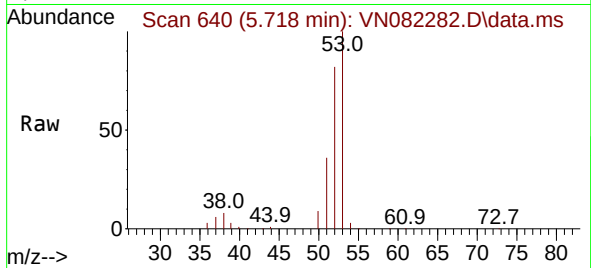
Tgt Ion: 41 Resp: 251237
Ion Ratio Lower Upper
41 100
39 84.8 65.4 98.0
76 32.1 37.3 55.9





#15
Acrylonitrile
Concen: 233.355 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

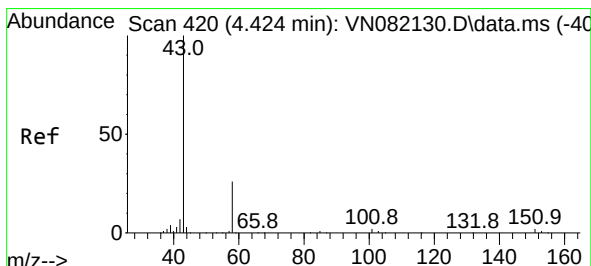
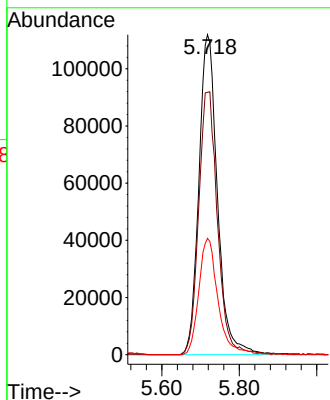
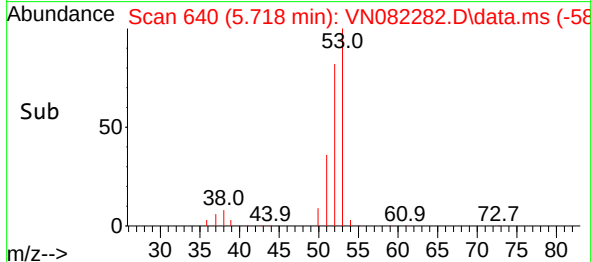
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



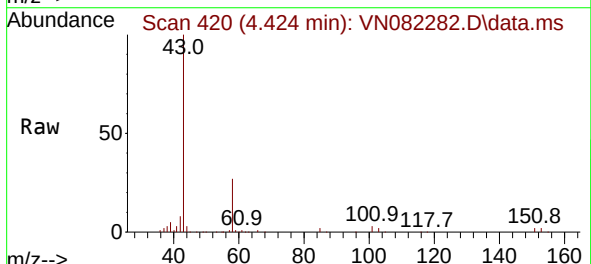
Tgt Ion: 53 Resp: 372048
Ion Ratio Lower Upper
53 100
52 83.2 66.1 99.1
51 37.5 29.4 44.2

Manual Integrations
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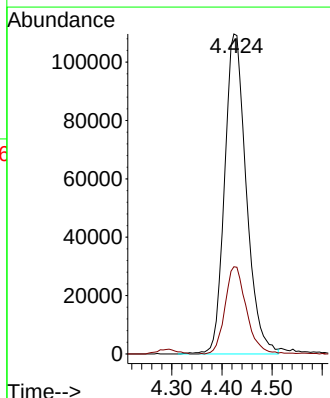
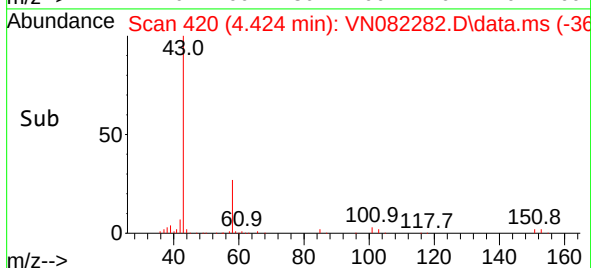
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

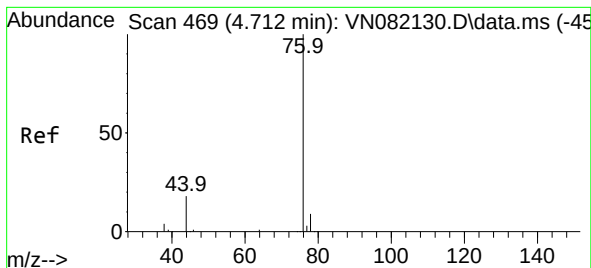


#16
Acetone
Concen: 209.571 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion: 43 Resp: 329695
Ion Ratio Lower Upper
43 100
58 26.9 25.2 37.8





#17

Carbon Disulfide

Concen: 39.754 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 340572

Ion Ratio Lower Upper

76 100

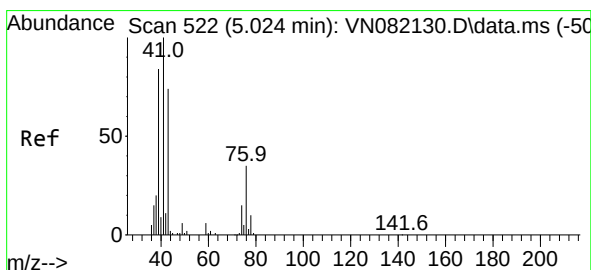
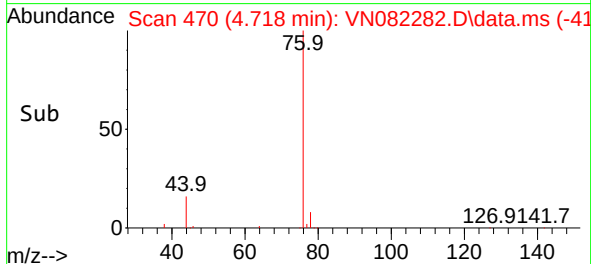
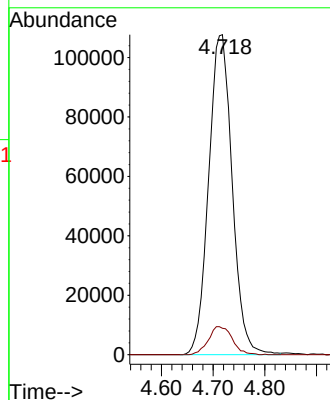
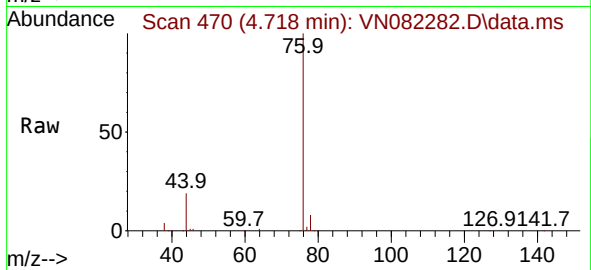
78 8.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#18

Methyl Acetate

Concen: 46.079 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN082282.D

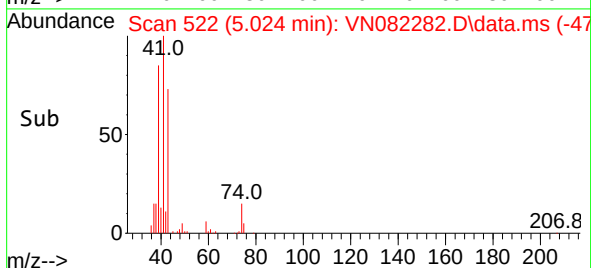
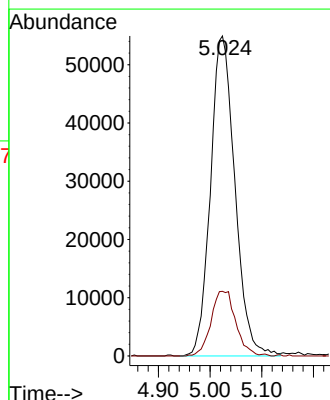
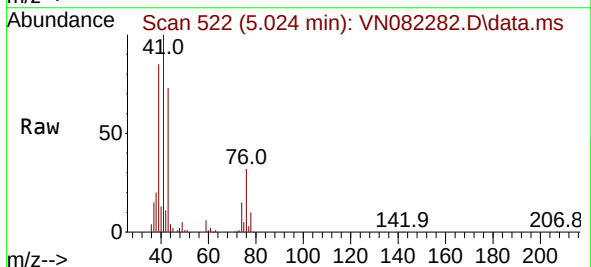
Acq: 22 May 2024 10:25

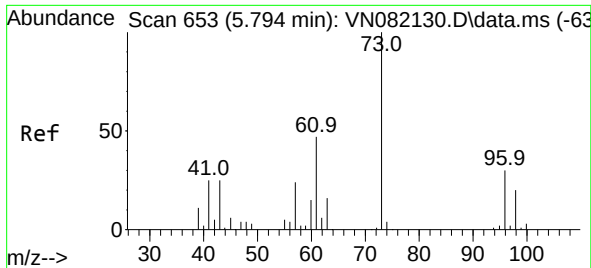
Tgt Ion: 43 Resp: 180529

Ion Ratio Lower Upper

43 100

74 20.4 22.2 33.2#





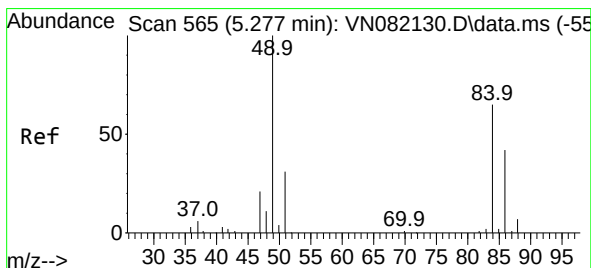
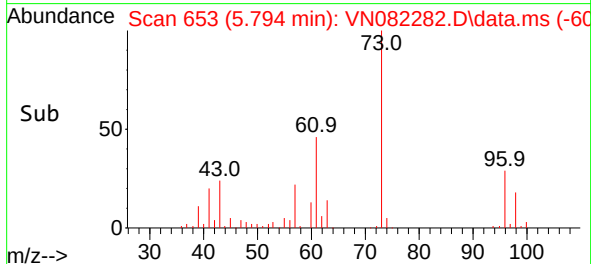
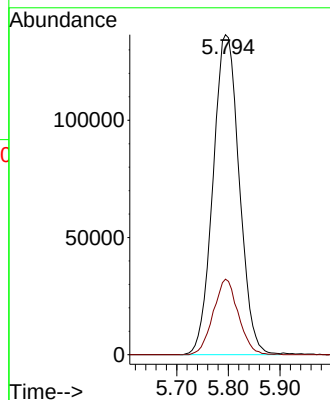
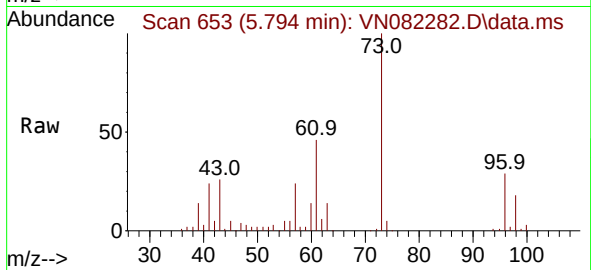
#19
Methyl tert-butyl Ether
Concen: 49.623 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 481108
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7

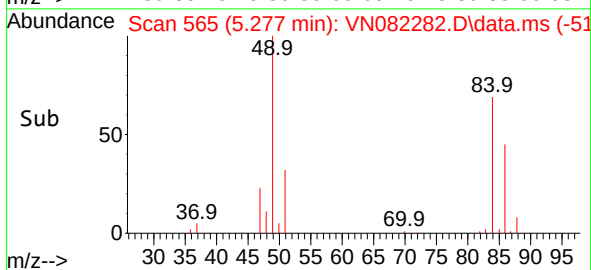
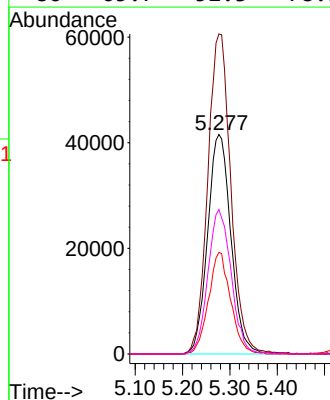
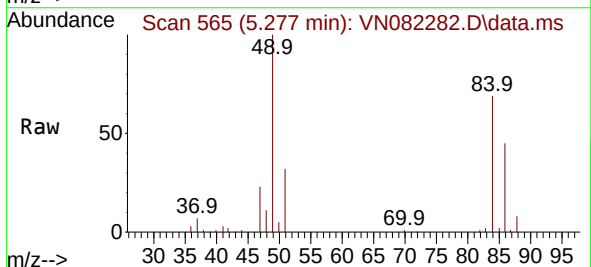
Manual Integrations
APPROVED

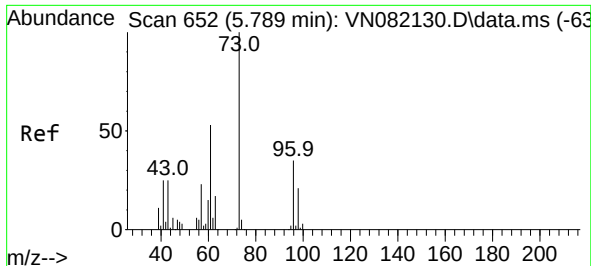
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#20
Methylene Chloride
Concen: 44.709 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Tgt Ion: 84 Resp: 141910
Ion Ratio Lower Upper
84 100
49 145.8 84.9 127.3#
51 46.2 27.0 40.6#
86 65.7 52.3 78.5





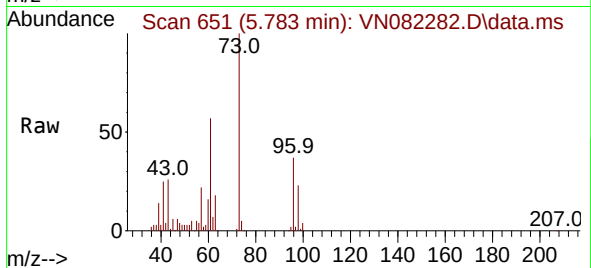
#21
trans-1,2-Dichloroethene
Concen: 45.871 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



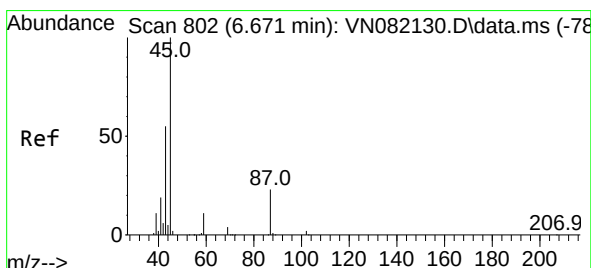
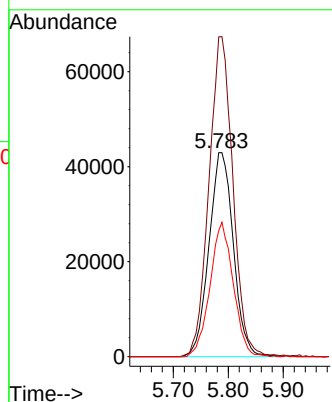
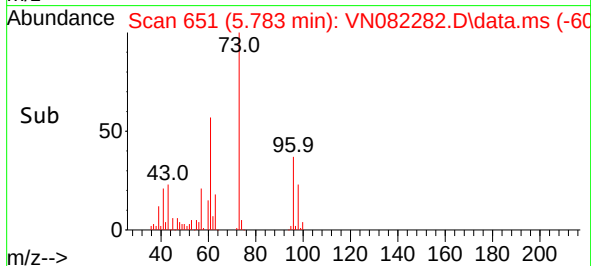
Tgt Ion: 96 Resp: 132592
Ion Ratio Lower Upper
96 100
61 156.8 96.5 144.7
98 61.8 51.3 76.9

Manual Integrations

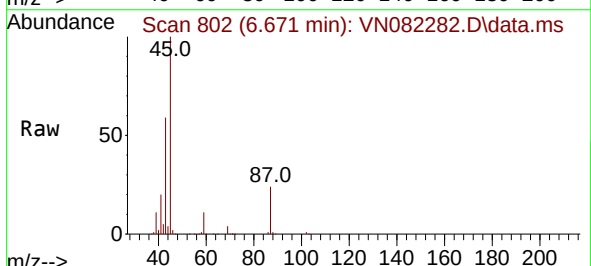
APPROVED

Reviewed By :John Carlone 05/23/2024

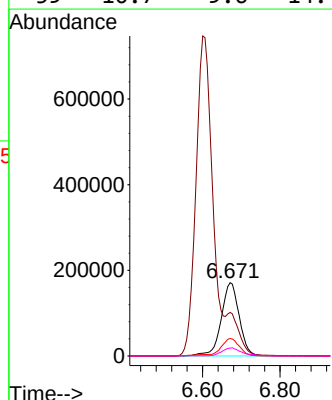
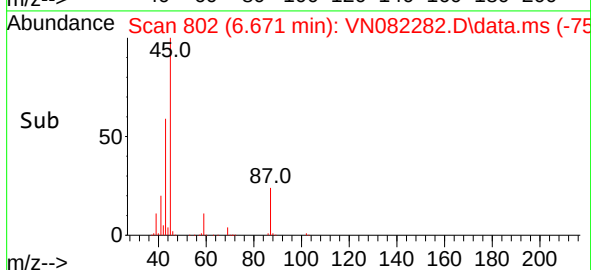
Supervised By :Mahesh Dadoda 05/23/2024

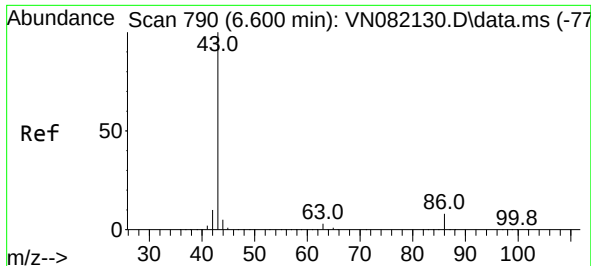


#22
Diisopropyl ether
Concen: 46.414 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion: 45 Resp: 550390
Ion Ratio Lower Upper
45 100
43 58.9 44.1 66.1
87 23.7 27.0 40.6
59 10.7 9.6 14.4





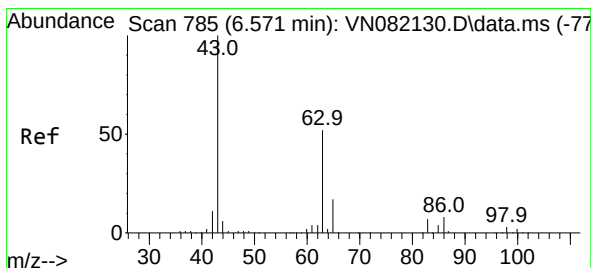
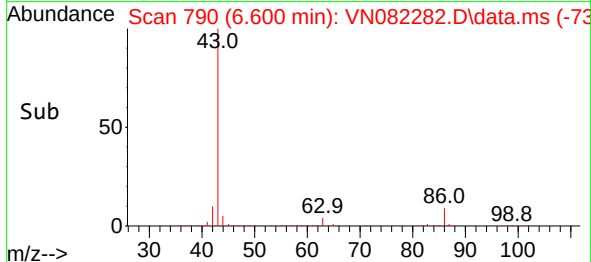
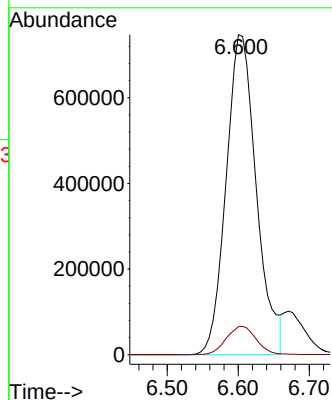
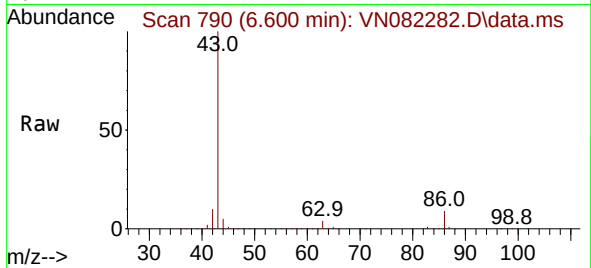
#23
 Vinyl Acetate
 Concen: 236.875 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 221464
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.2 15.4

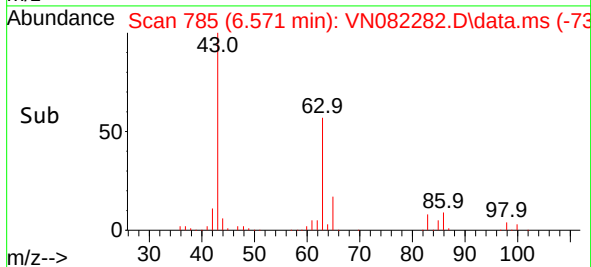
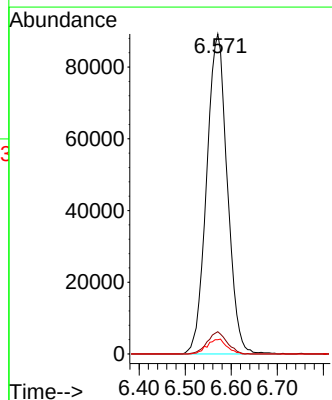
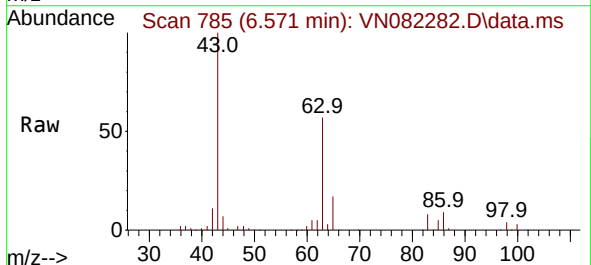
Manual Integrations
 APPROVED

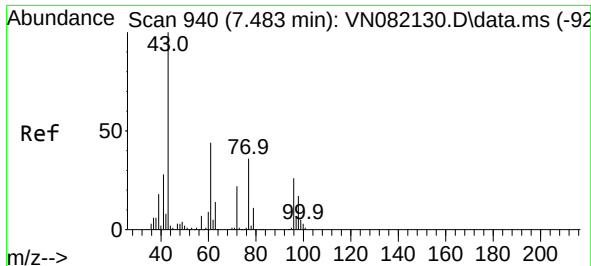
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#24
 1,1-Dichloroethane
 Concen: 45.534 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

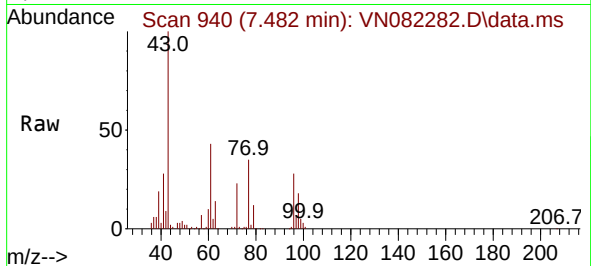
Tgt Ion: 63 Resp: 278312
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 226.772 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

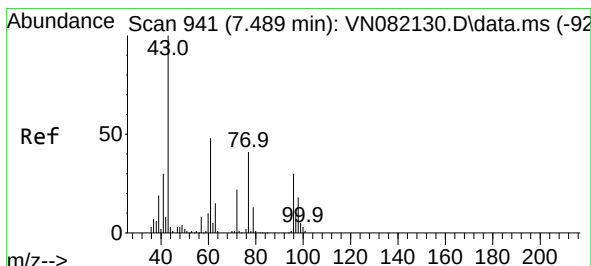
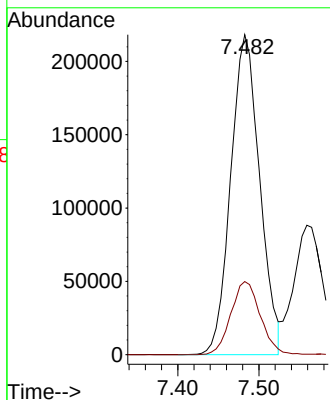
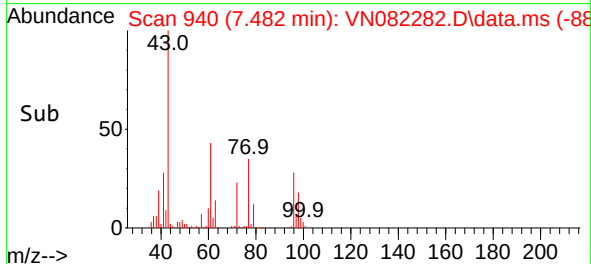
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



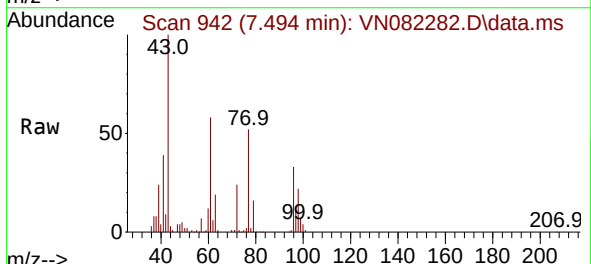
Tgt Ion: 43 Resp: 54089
Ion Ratio Lower Upper
43 100
72 22.9 25.3 37.9

Manual Integrations
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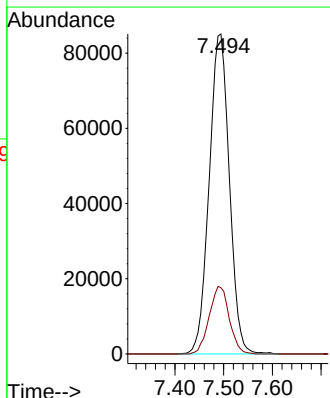
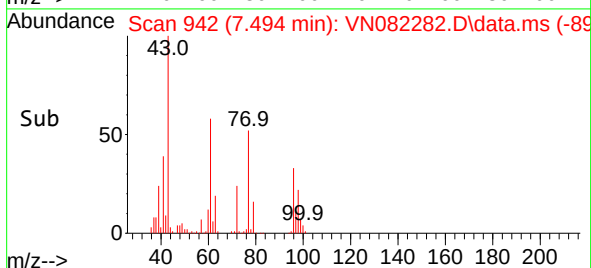
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

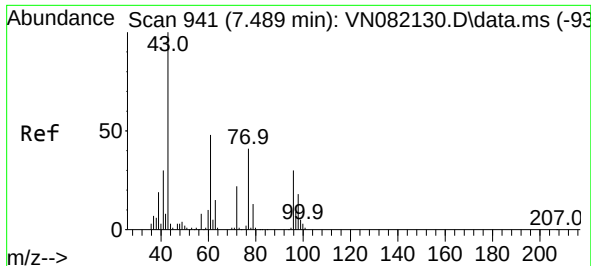


#26
2,2-Dichloropropane
Concen: 47.786 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



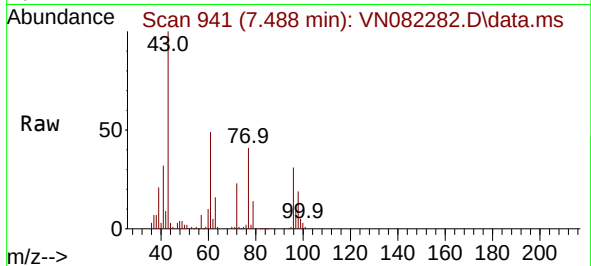
Tgt Ion: 77 Resp: 244641
Ion Ratio Lower Upper
77 100
97 21.0 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 47.478 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

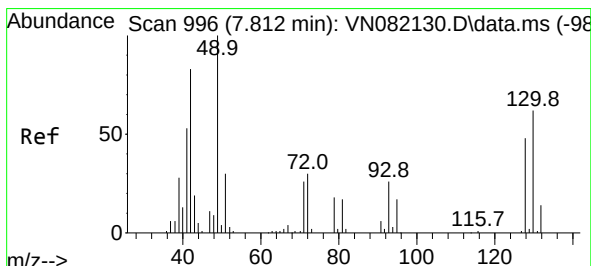
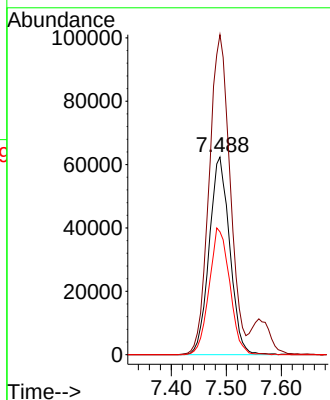
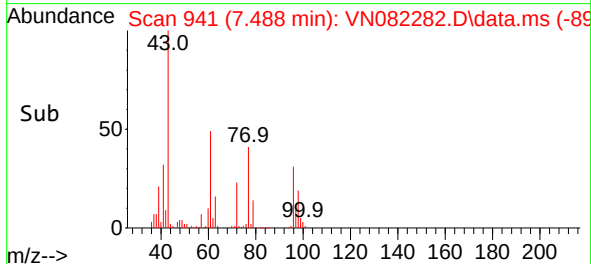
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 161960
 Ion Ratio Lower Upper
 96 100
 61 164.8 0.0 268.0
 98 64.3 0.0 126.8

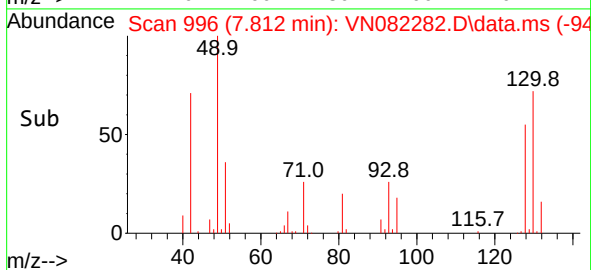
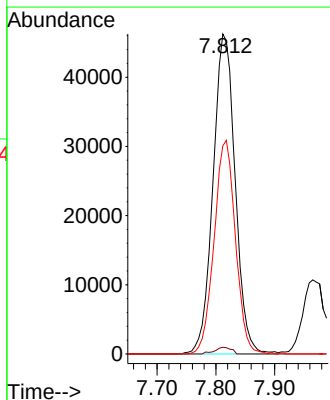
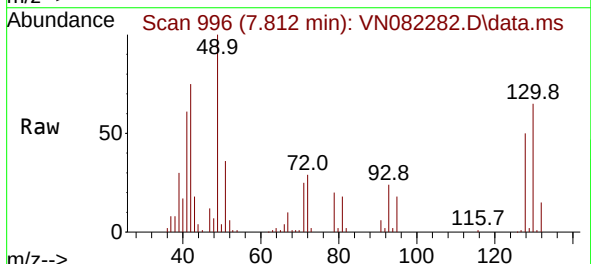
Manual Integrations
 APPROVED

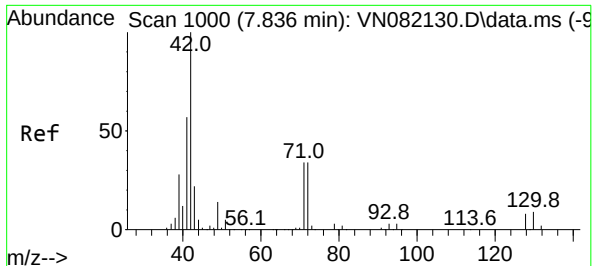
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#28
 Bromochloromethane
 Concen: 45.384 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

Tgt Ion: 49 Resp: 121077
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 64.3 66.7 100.1#





#29

Tetrahydrofuran

Concen: 237.570 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.001 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 36382

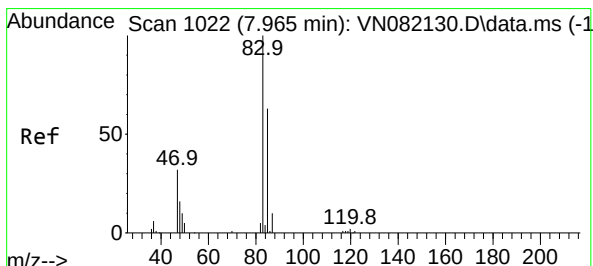
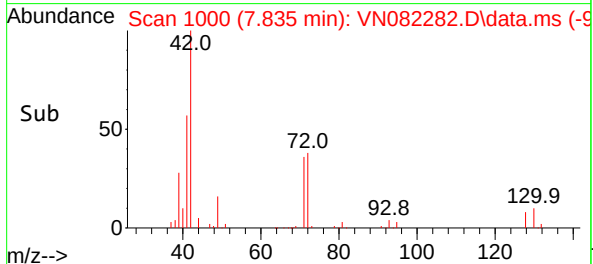
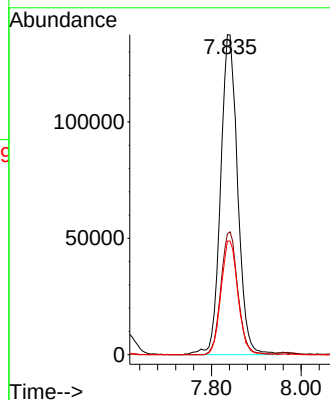
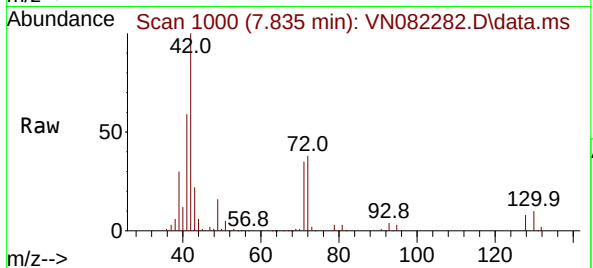
Ion	Ratio	Lower	Upper
42	100		
72	37.9	39.3	58.9
71	35.2	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#30

Chloroform

Concen: 48.279 ug/l

RT: 7.971 min Scan# 1023

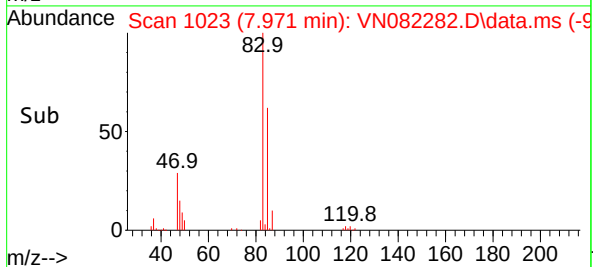
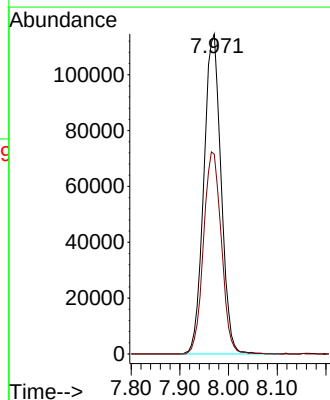
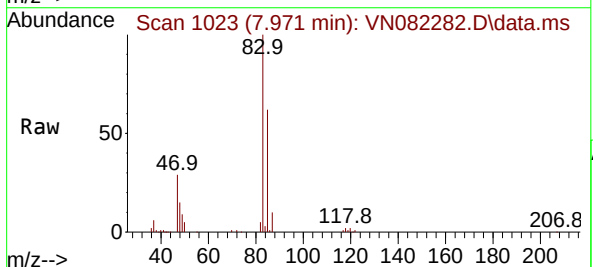
Delta R.T. 0.006 min

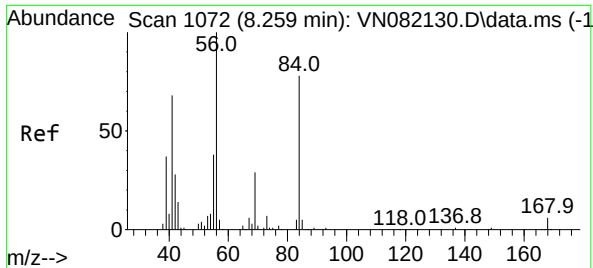
Lab File: VN082282.D

Acq: 22 May 2024 10:25

Tgt Ion: 83 Resp: 281790

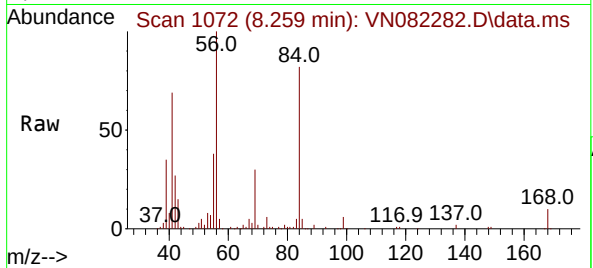
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.7	76.1





#31
Cyclohexane
Concen: 41.152 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

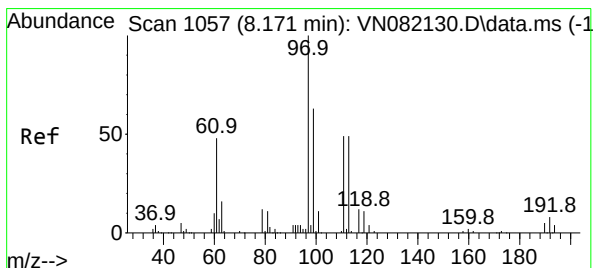
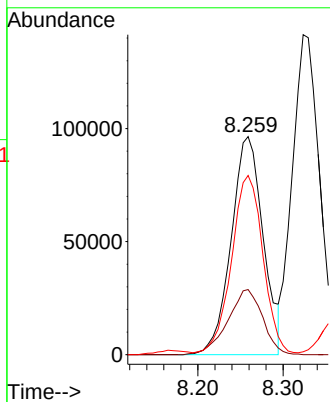
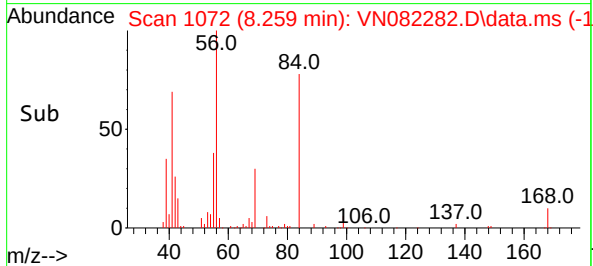
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



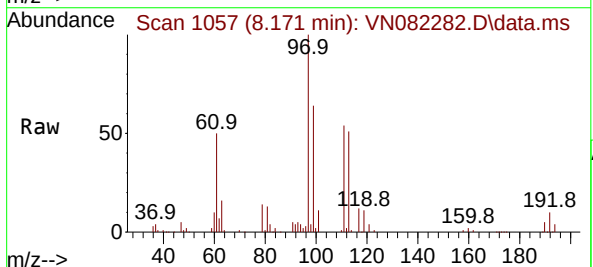
Tgt Ion: 56 Resp: 252058
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 80.5 77.0 115.4

Manual Integrations
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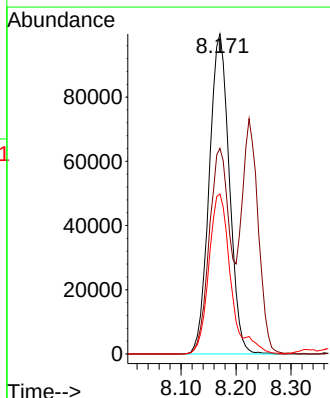
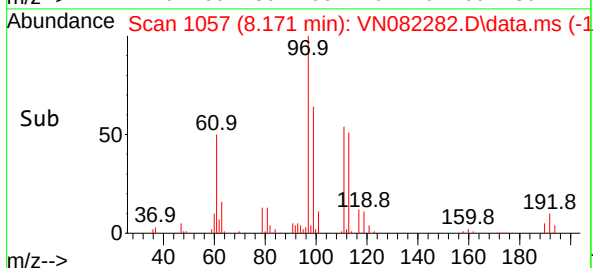
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

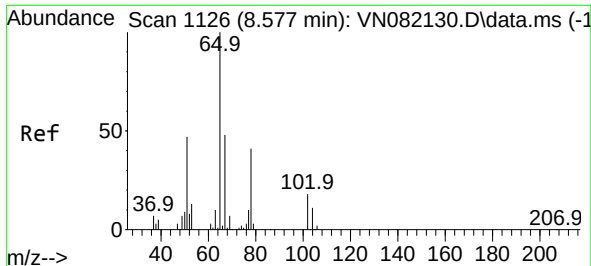


#32
1,1,1-Trichloroethane
Concen: 48.904 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion: 97 Resp: 253235
Ion Ratio Lower Upper
97 100
99 66.8 50.3 75.5
61 54.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.147 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18081

Ion Ratio Lower Upper

65 100

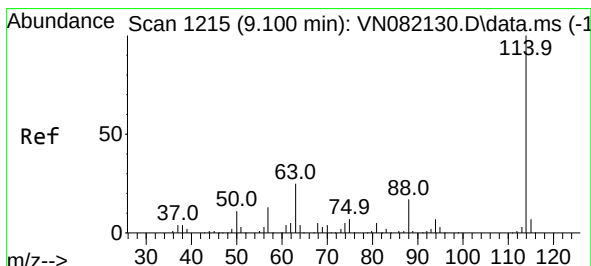
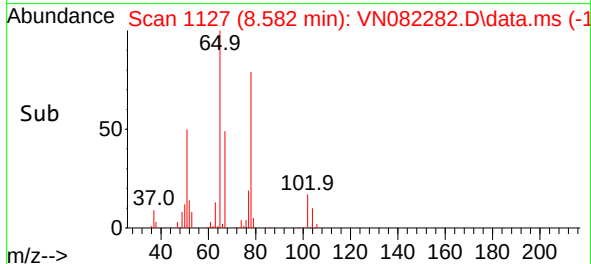
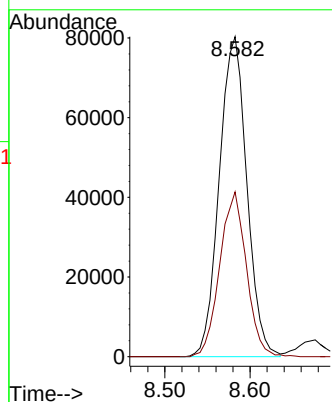
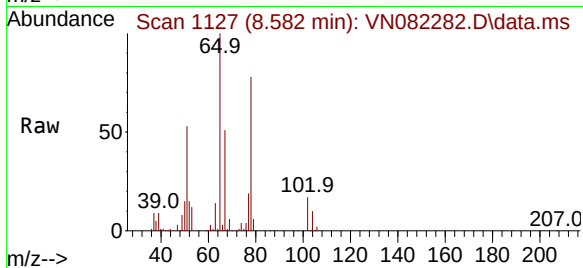
67 49.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

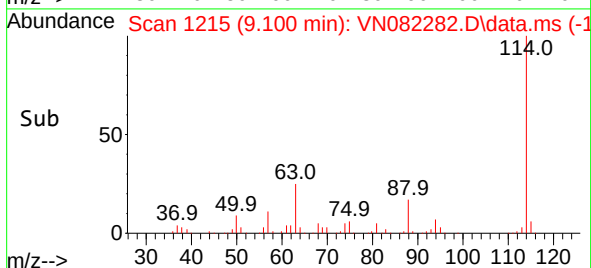
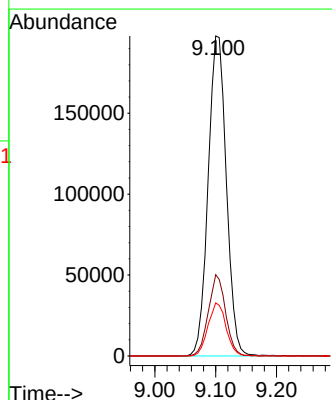
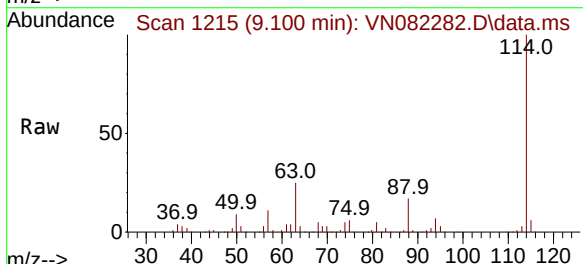
Tgt Ion:114 Resp: 410694

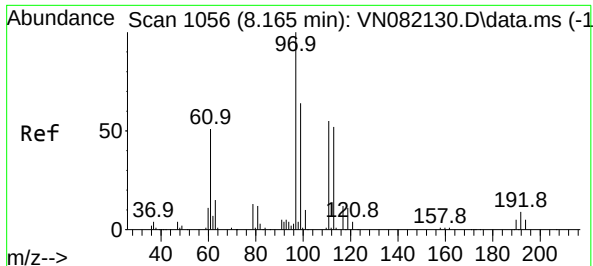
Ion Ratio Lower Upper

114 100

63 25.4 0.0 41.0

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.329 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

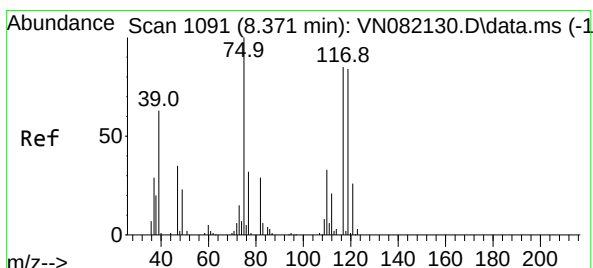
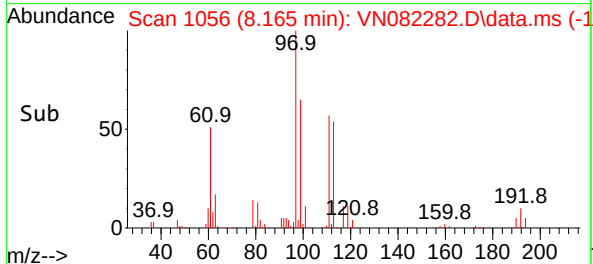
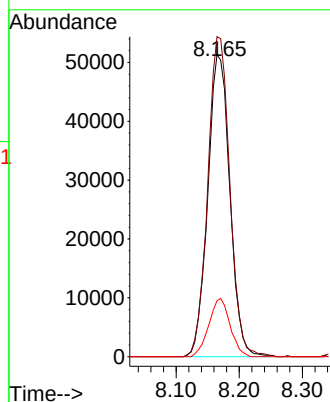
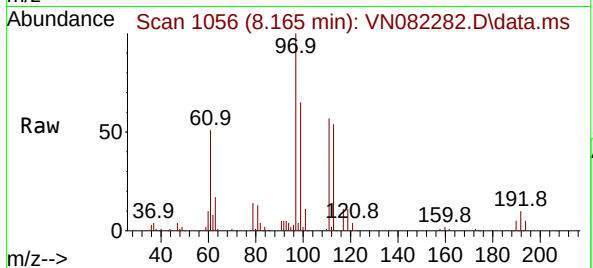
Tgt Ion:	113	Resp:	124620
Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.4	125.2
192	18.5	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#36

1,1-Dichloropropene

Concen: 46.343 ug/l

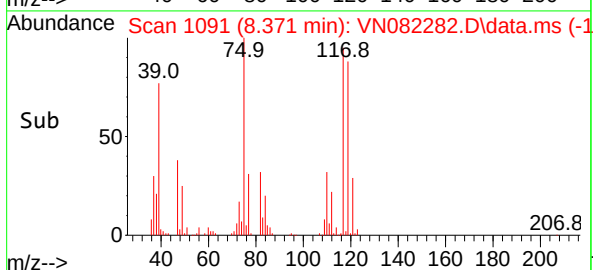
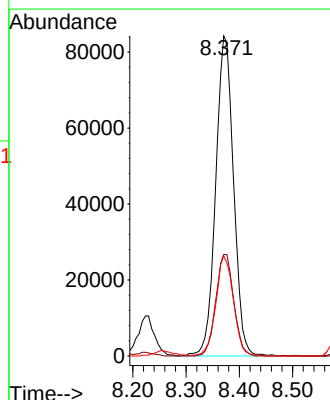
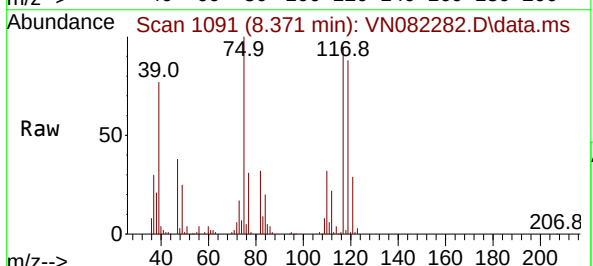
RT: 8.371 min Scan# 1091

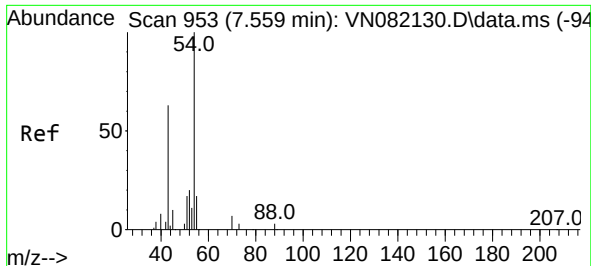
Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

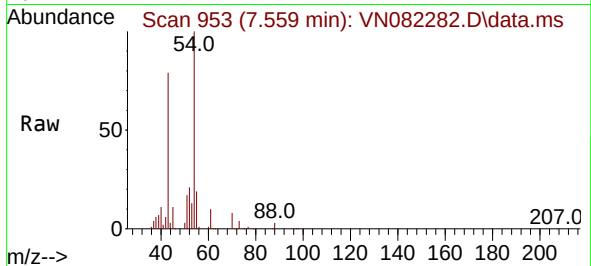
Tgt Ion:	75	Resp:	196362
Ion	Ratio	Lower	Upper
75	100		
110	31.8	17.8	53.5
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 48.395 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

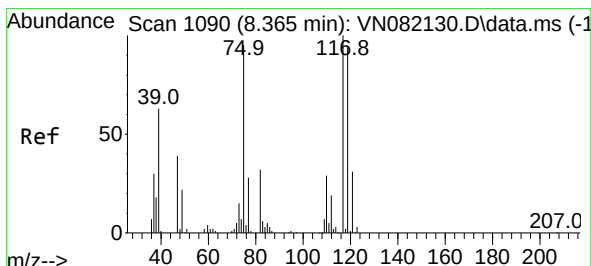
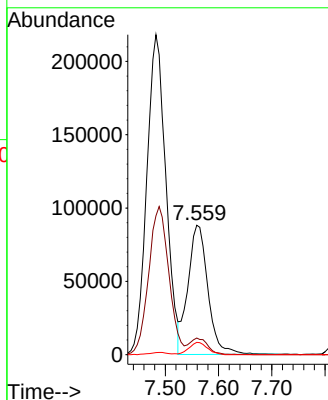
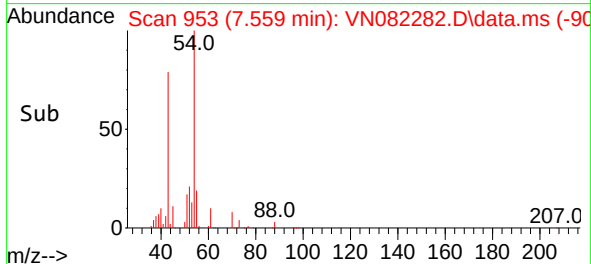
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22948
Ion Ratio Lower Upper
43 100
61 11.1 11.3 16.9
70 8.7 8.7 13.1

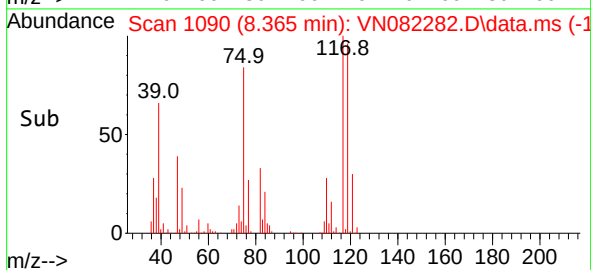
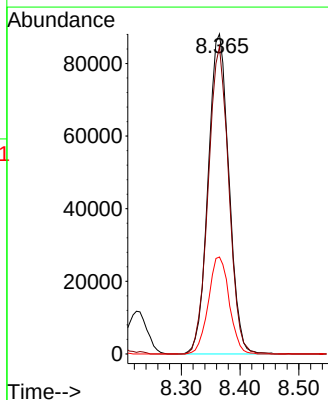
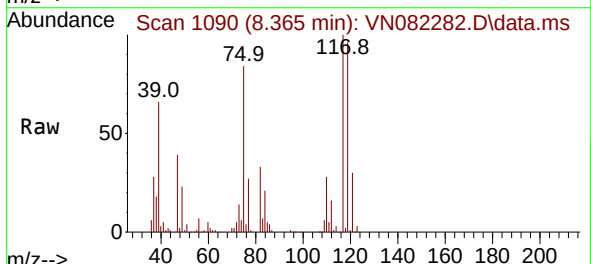
Manual Integrations
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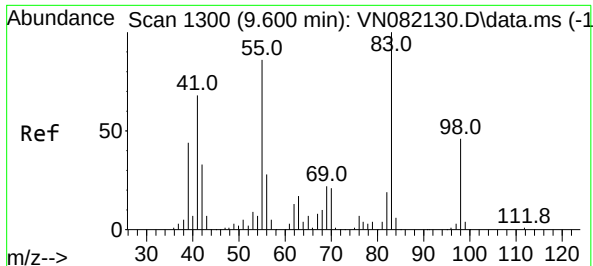
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#38
Carbon Tetrachloride
Concen: 50.369 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Tgt Ion:117 Resp: 216347
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
121 30.3 23.9 35.9





#39
Methylcyclohexane
Concen: 48.111 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

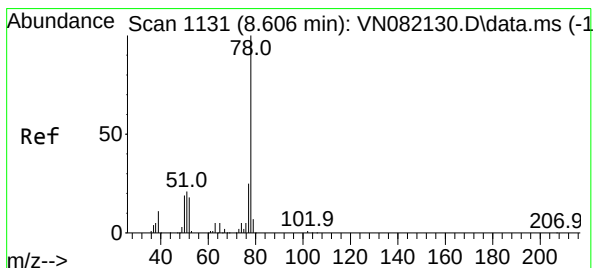
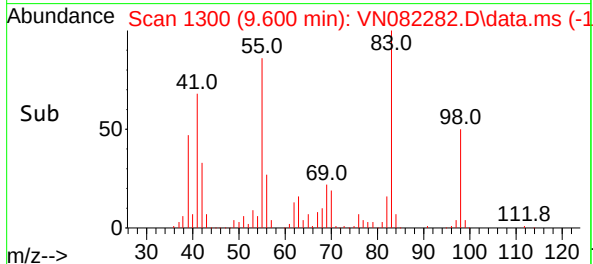
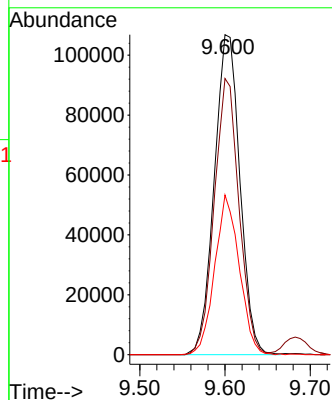
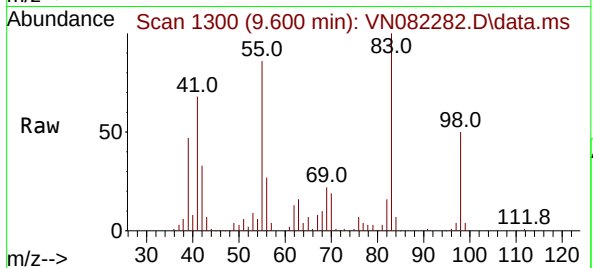
Tgt Ion: 83 Resp: 223449
Ion Ratio Lower Upper
83 100
55 86.3 53.0 79.6
98 49.9 37.1 55.7

Manual Integrations

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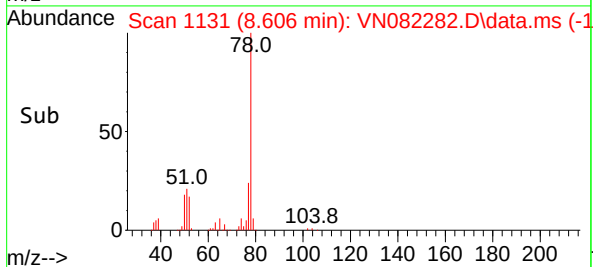
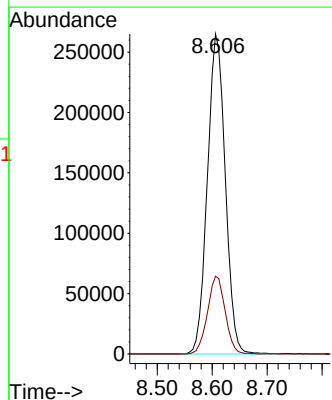
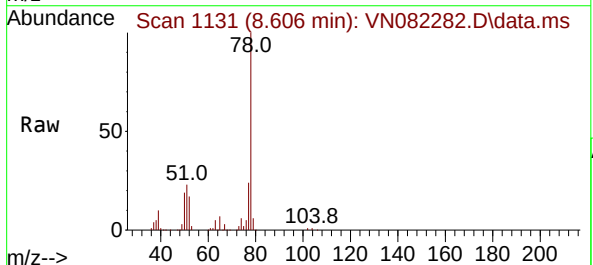
Reviewed By :John Carlone 05/23/2024

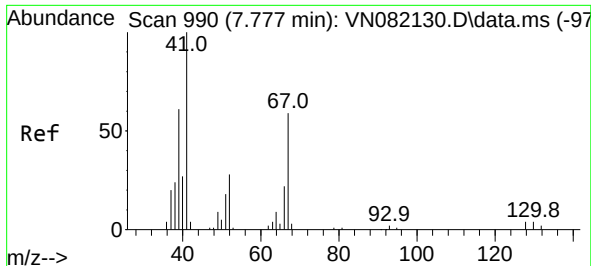
Supervised By :Mahesh Dadoda 05/23/2024



#40
Benzene
Concen: 47.464 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

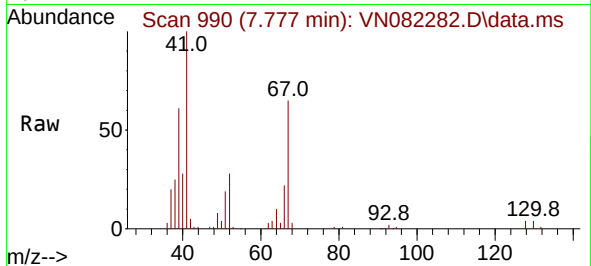
Tgt Ion: 78 Resp: 599723
Ion Ratio Lower Upper
78 100
77 24.3 20.0 30.0





#41
Methacrylonitrile
Concen: 46.450 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

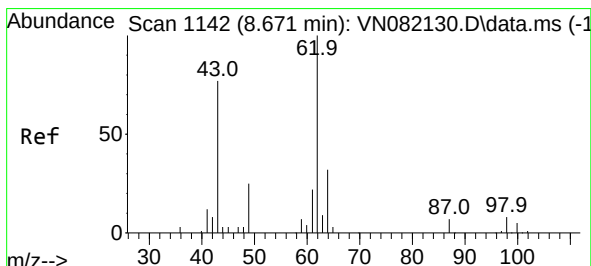
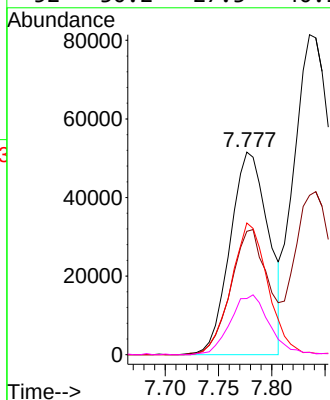
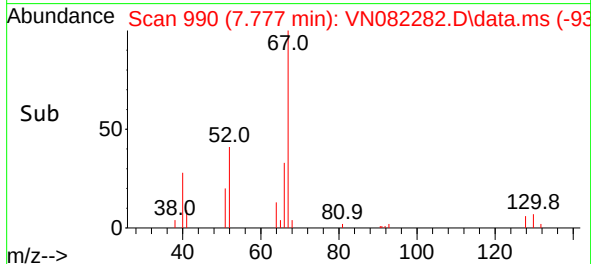
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 129540
Ion Ratio Lower Upper
41 100
39 59.7 46.6 69.8
67 62.3 67.3 100.9
52 30.2 27.3 40.9

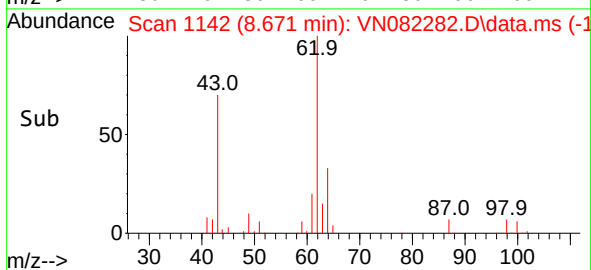
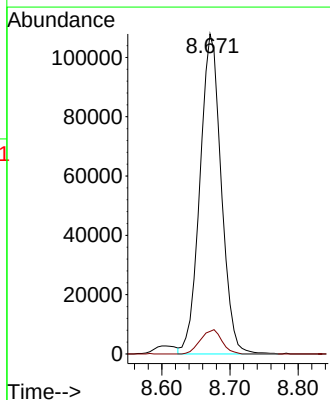
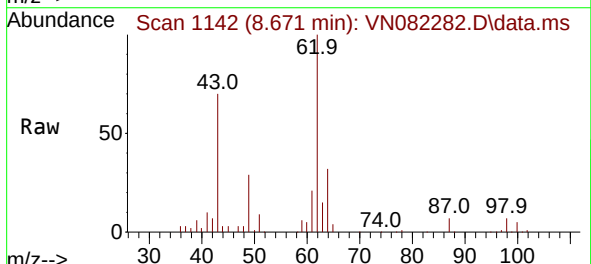
Manual Integrations
APPROVED

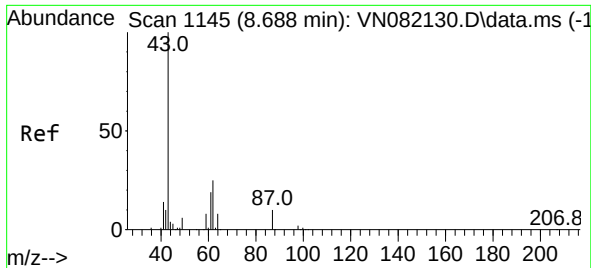
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#42
1,2-Dichloroethane
Concen: 48.325 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

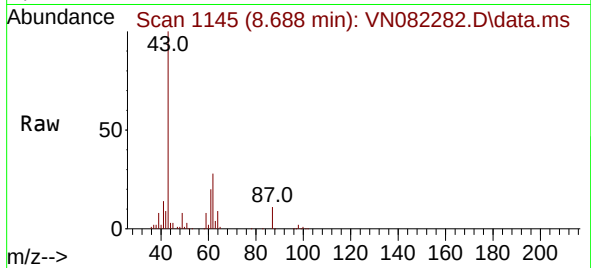
Tgt Ion: 62 Resp: 234835
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 49.144 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

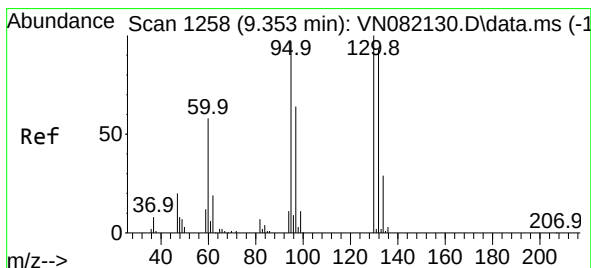
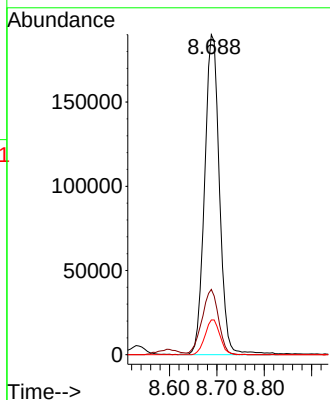
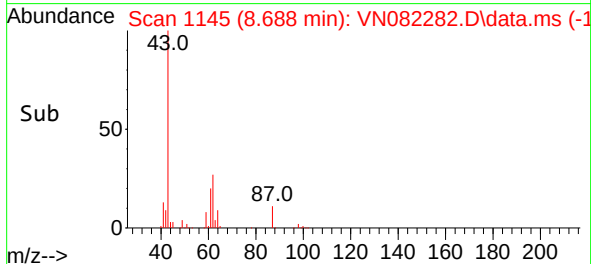
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 41292
Ion Ratio Lower Upper
43 100
61 22.7 22.8 34.2
87 10.9 12.0 18.0

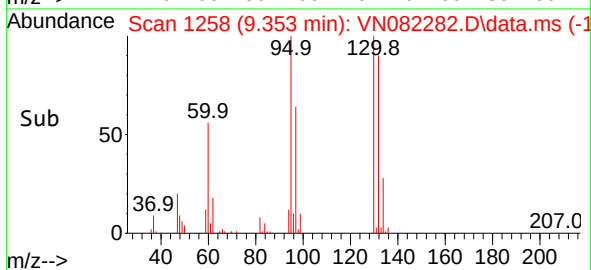
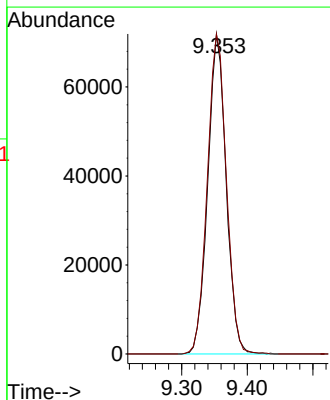
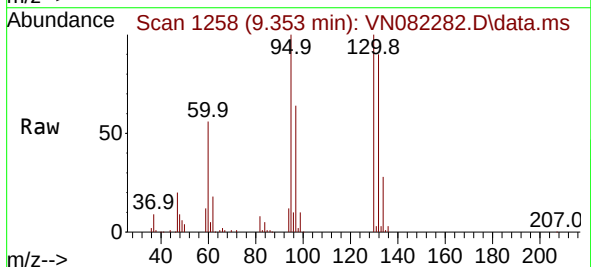
Manual Integrations
APPROVED

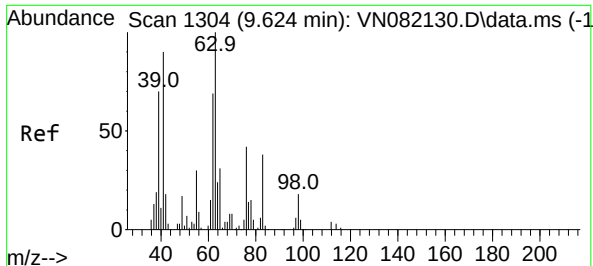
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#44
Trichloroethene
Concen: 48.872 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Tgt Ion:130 Resp: 140270
Ion Ratio Lower Upper
130 100
95 100.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 46.208 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 15064

Ion Ratio Lower Upper

63 100

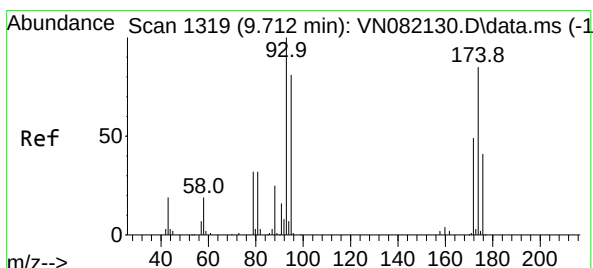
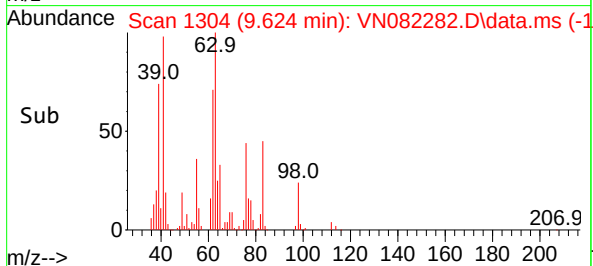
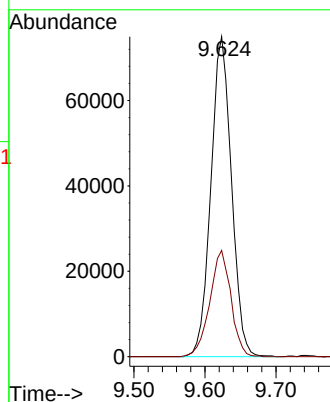
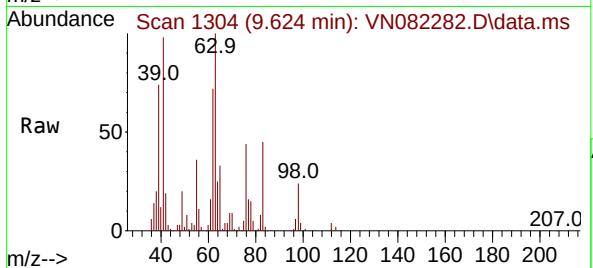
65 33.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#46

Dibromomethane

Concen: 48.227 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

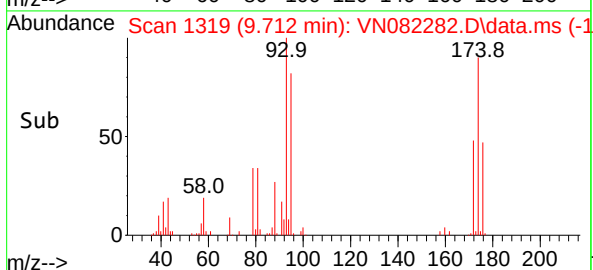
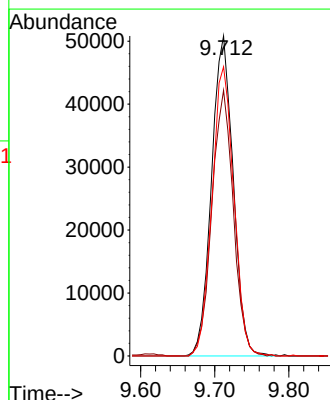
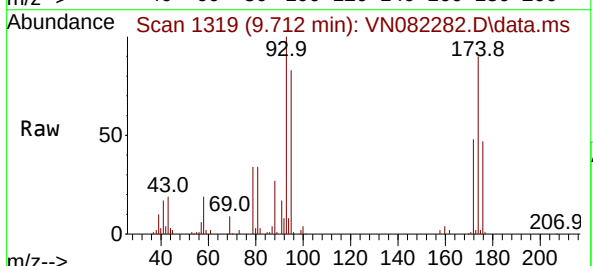
Tgt Ion: 93 Resp: 103221

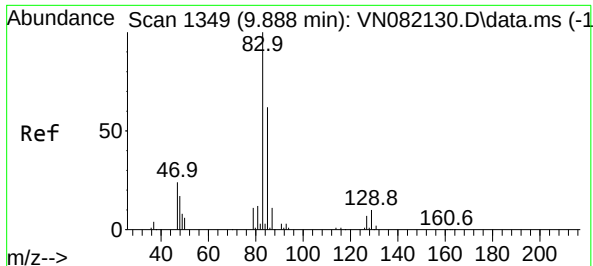
Ion Ratio Lower Upper

93 100

95 82.3 64.8 97.2

174 91.2 73.4 110.0





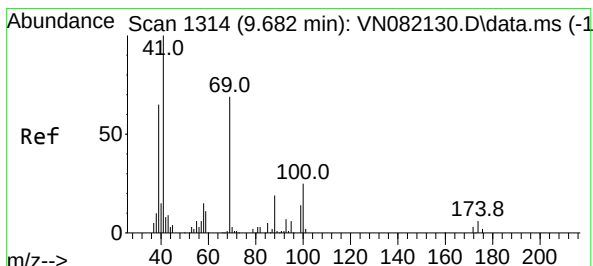
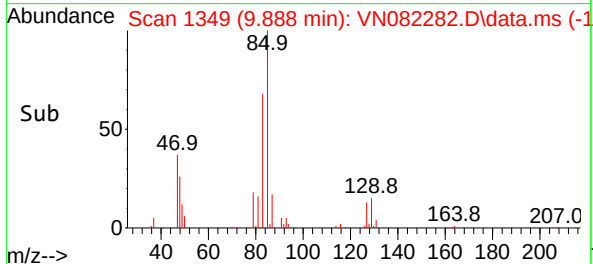
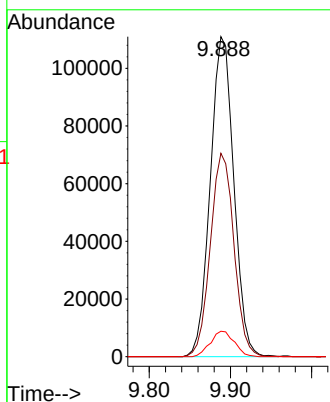
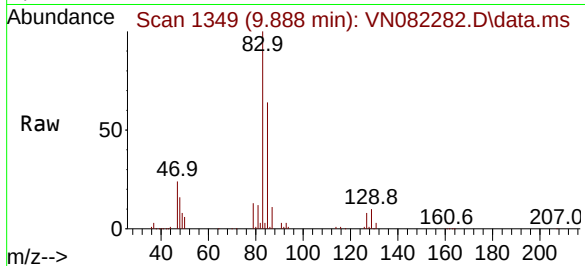
#47
Bromodichloromethane
Concen: 49.446 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 223418
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 8.0 7.5 11.3

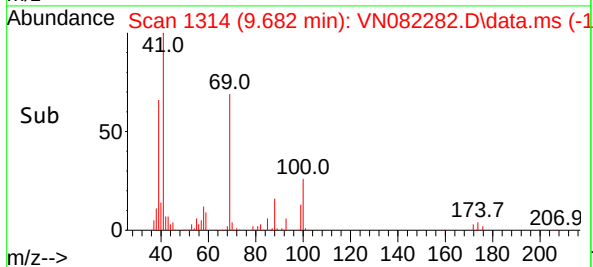
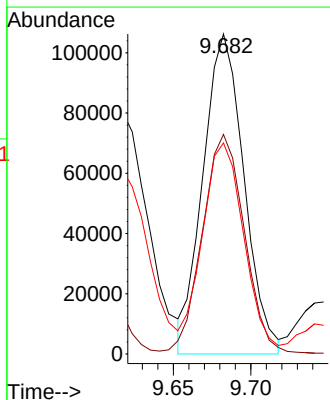
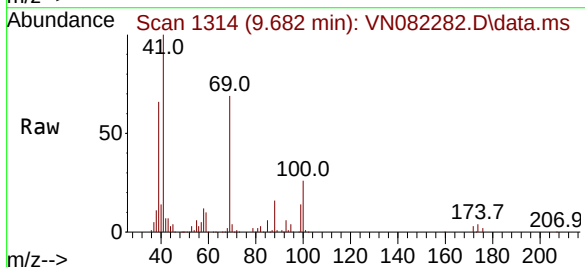
Manual Integrations
APPROVED

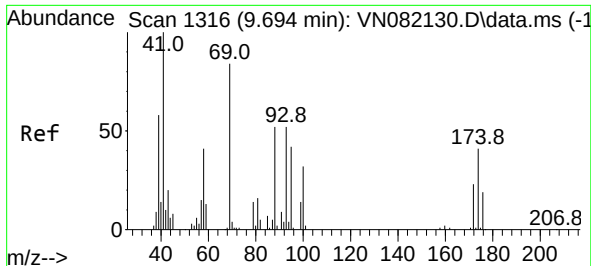
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#48
Methyl methacrylate
Concen: 48.824 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

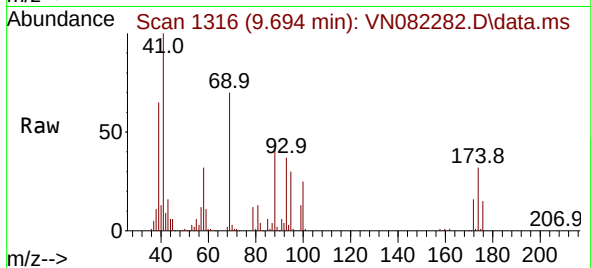
Tgt Ion: 41 Resp: 195477
Ion Ratio Lower Upper
41 100
69 70.0 77.9 116.9#
39 67.1 50.9 76.3





#49
1,4-Dioxane
Concen: 992.975 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

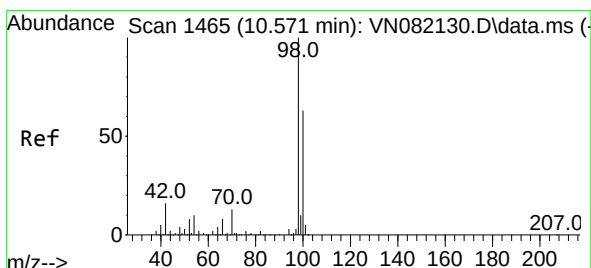
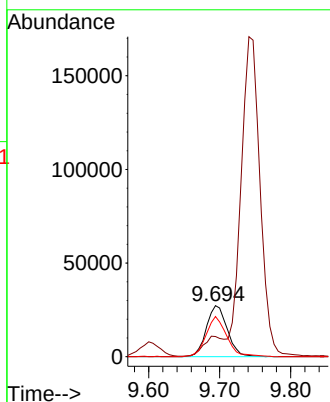
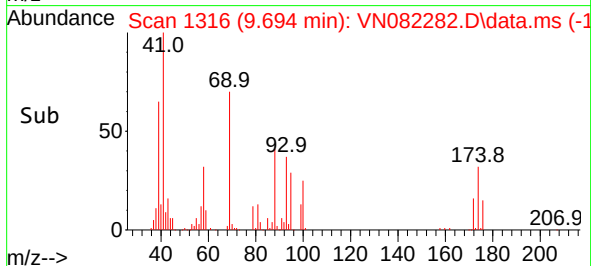
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 55709
Ion Ratio Lower Upper
88 100
43 37.5 19.0 28.6
58 78.2 50.6 76.0

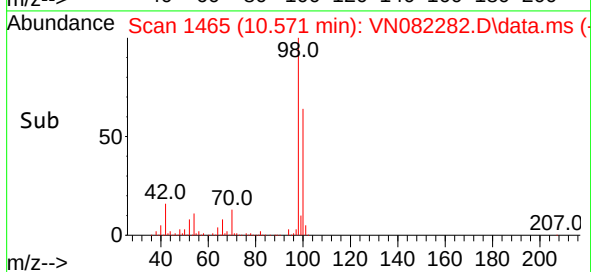
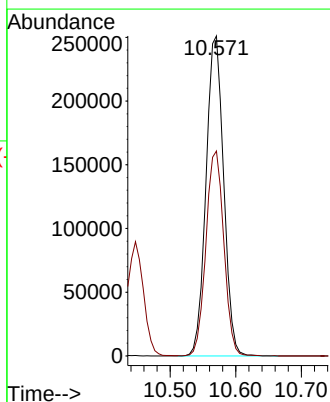
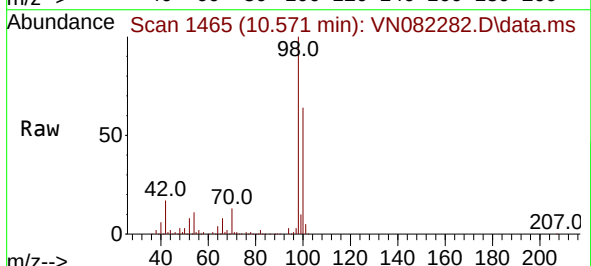
Manual Integrations
APPROVED

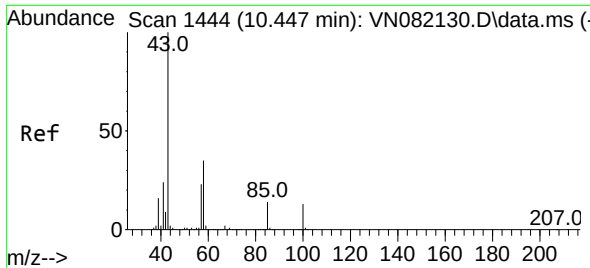
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#50
Toluene-d8
Concen: 48.400 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

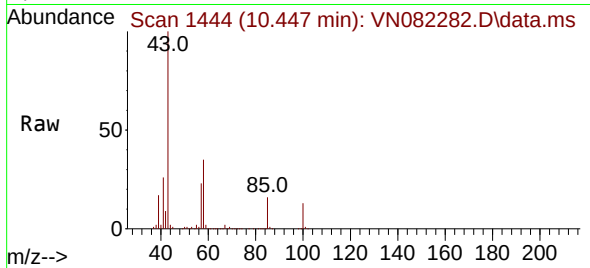
Tgt Ion: 98 Resp: 468806
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 246.983 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

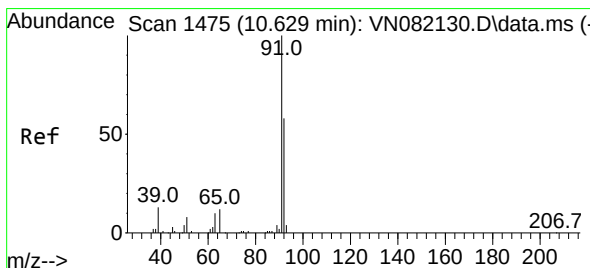
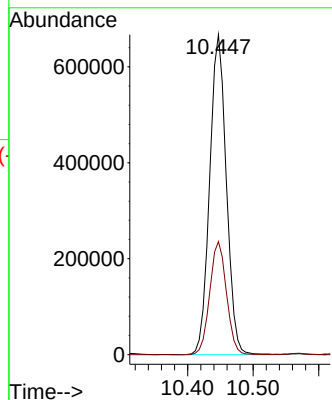
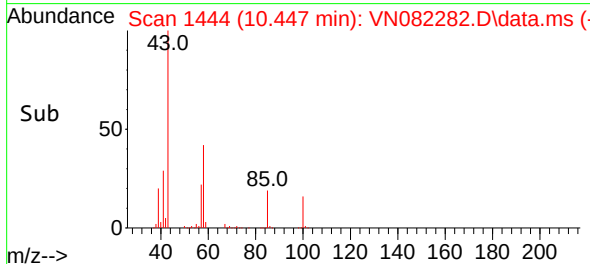
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1179084
Ion Ratio Lower Upper
43 100
58 35.5 33.2 49.8

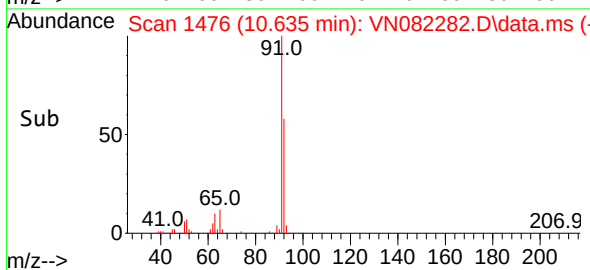
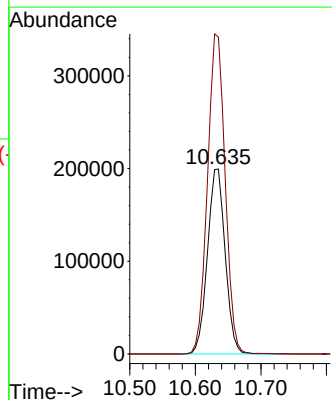
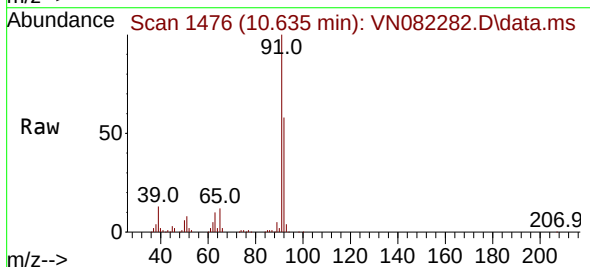
Manual Integrations
APPROVED

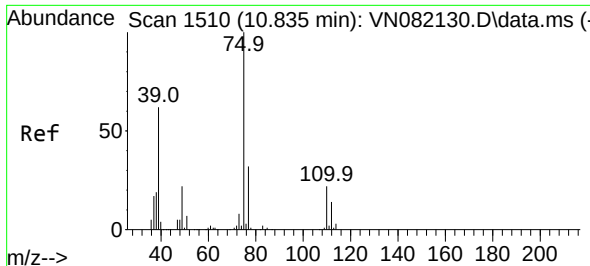
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#52
Toluene
Concen: 49.402 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

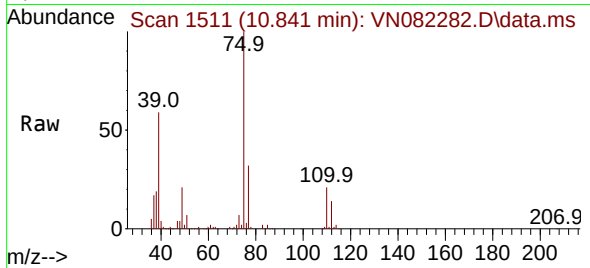
Tgt Ion: 92 Resp: 374596
Ion Ratio Lower Upper
92 100
91 172.9 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 51.644 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

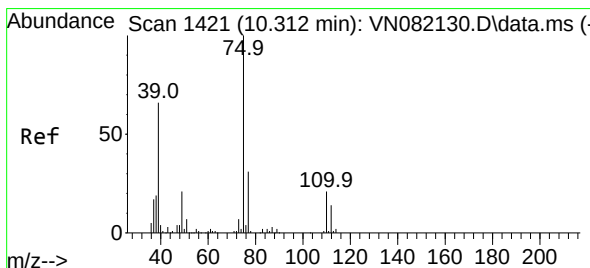
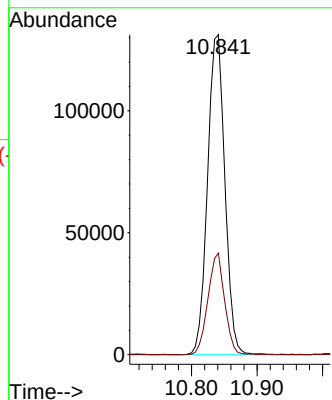
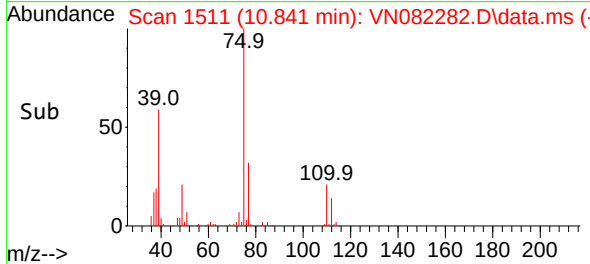
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 241338
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

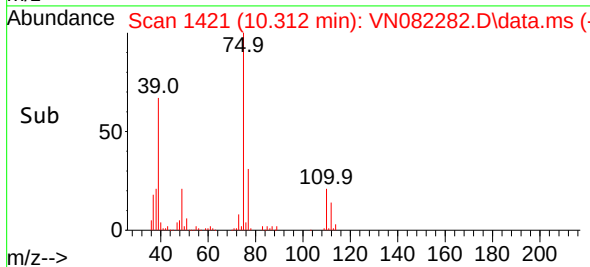
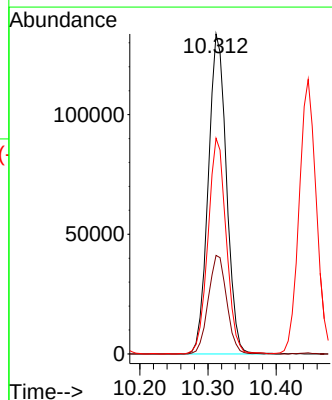
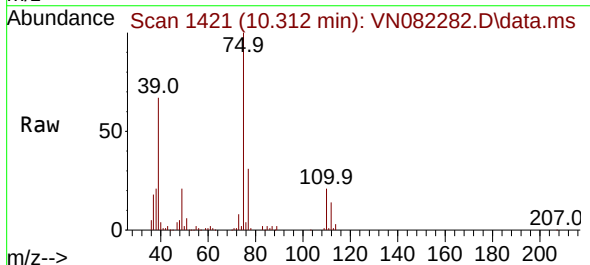
Manual Integrations
APPROVED

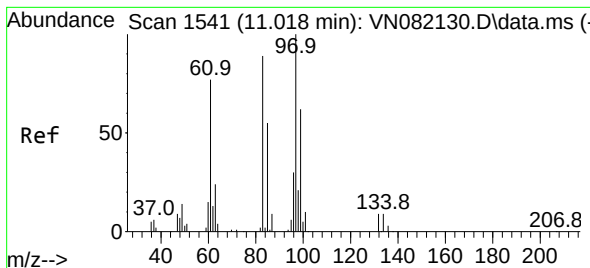
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#54
cis-1,3-Dichloropropene
Concen: 50.256 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

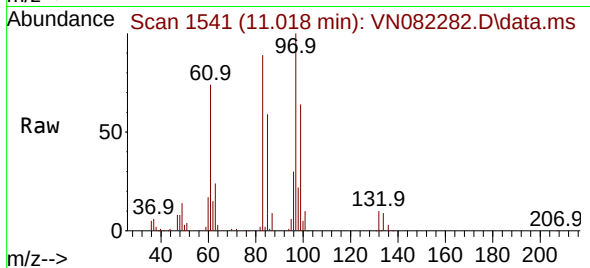
Tgt Ion: 75 Resp: 248590
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 67.2 34.8 52.2#





#55
1,1,2-Trichloroethane
Concen: 49.337 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

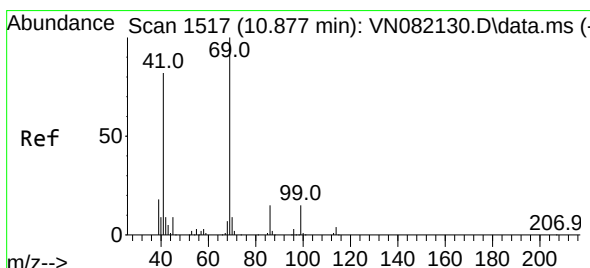
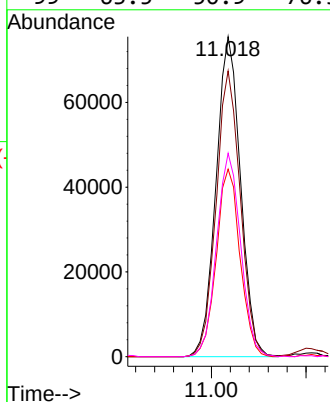
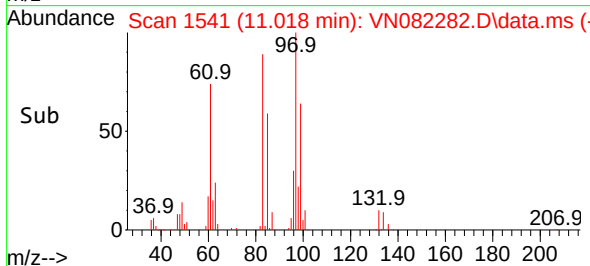
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



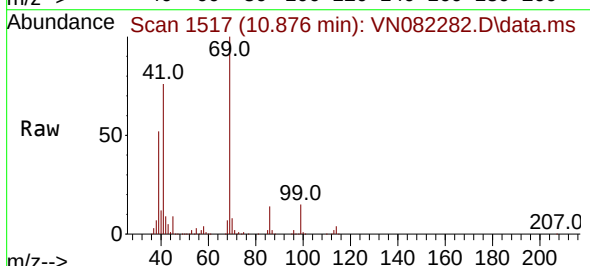
Tgt Ion: 97 Resp: 135950
Ion Ratio Lower Upper
97 100
83 89.3 70.4 105.6
85 58.6 45.6 68.4
99 63.5 50.9 76.3

Manual Integrations
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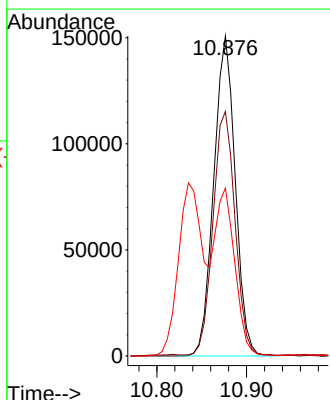
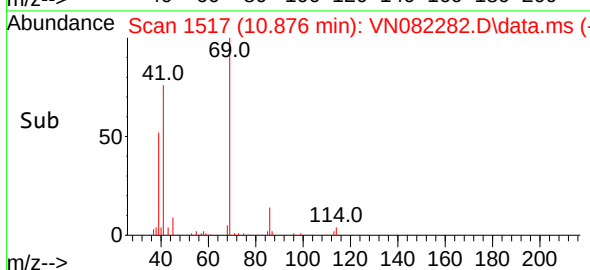
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

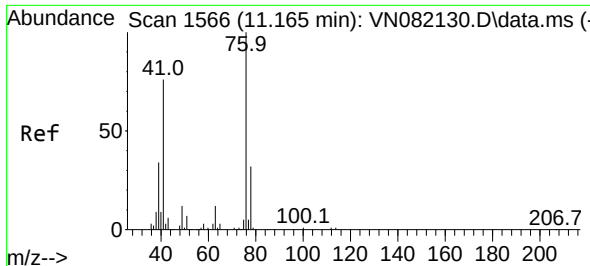


#56
Ethyl methacrylate
Concen: 53.563 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



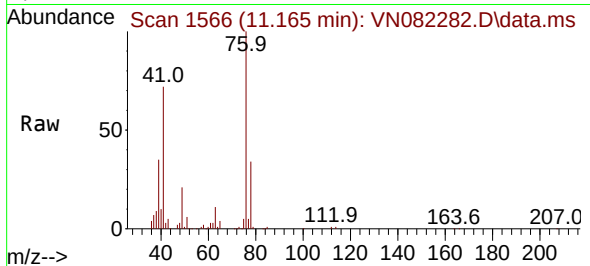
Tgt Ion: 69 Resp: 250586
Ion Ratio Lower Upper
69 100
41 78.0 46.6 70.0#
39 47.8 26.5 39.7#





#57
1,3-Dichloropropane
Concen: 47.851 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

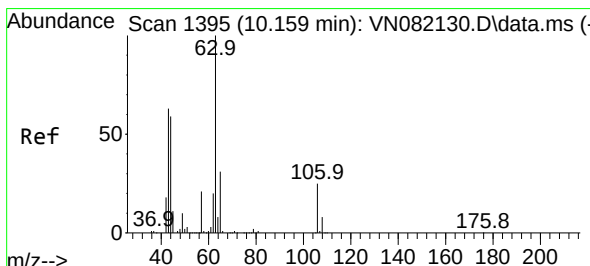
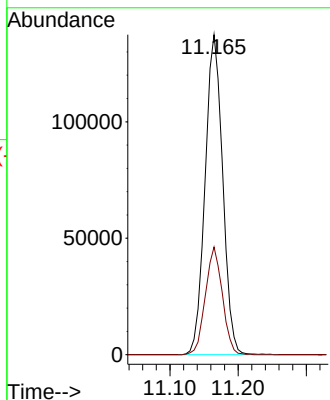
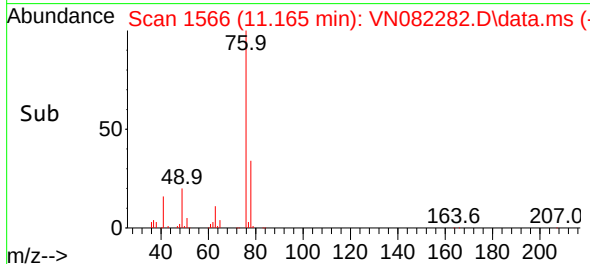
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 24653
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

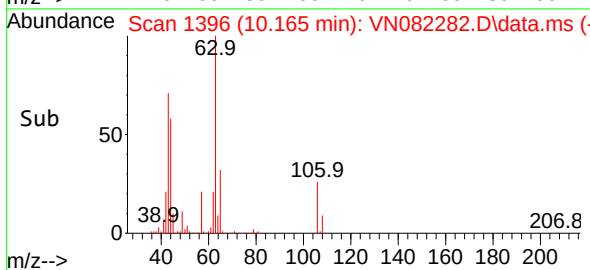
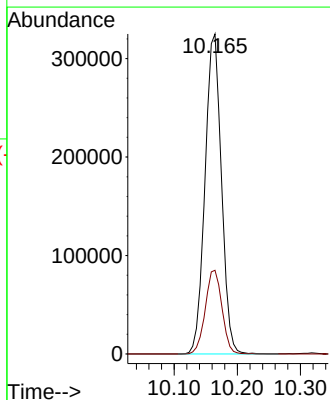
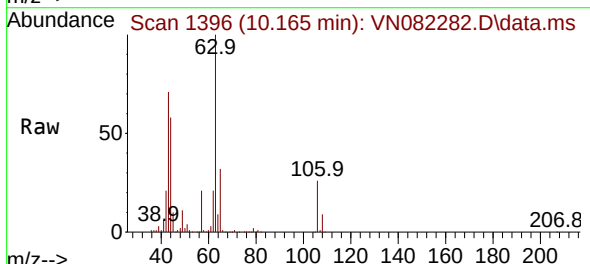
Manual Integrations
APPROVED

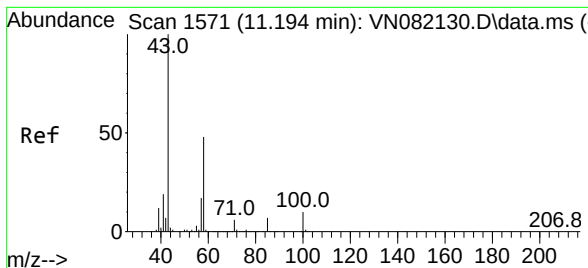
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 243.482 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

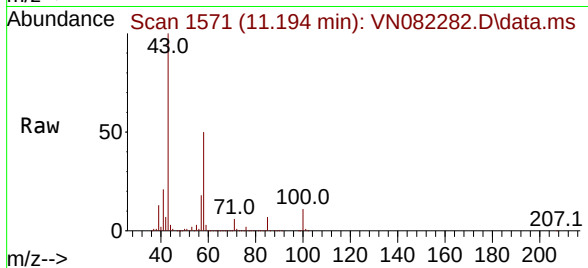
Tgt Ion: 63 Resp: 587543
Ion Ratio Lower Upper
63 100
106 26.6 24.6 36.8





#59
2-Hexanone
Concen: 250.523 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

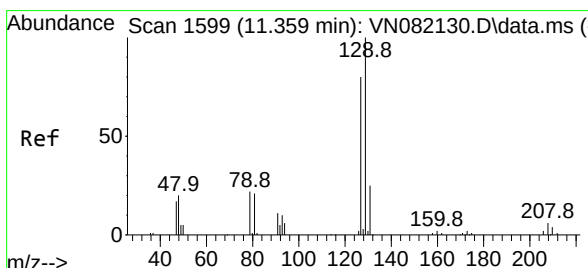
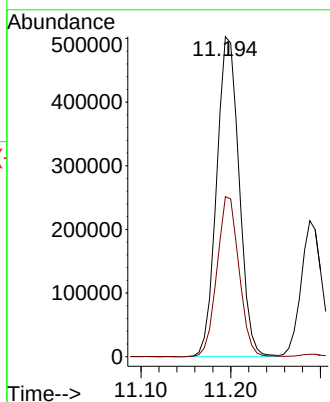
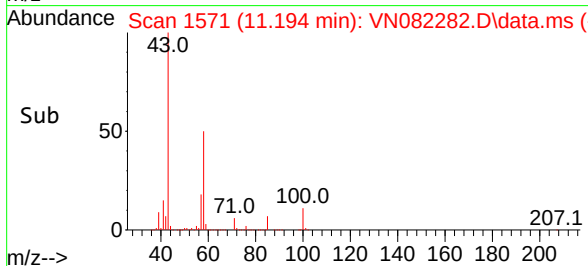
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 875708
Ion Ratio Lower Upper
43 100
58 49.0 28.3 84.9

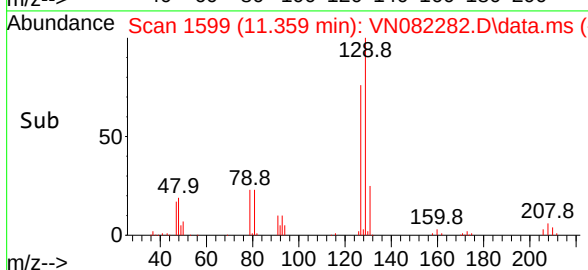
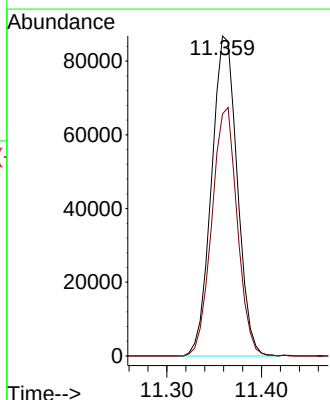
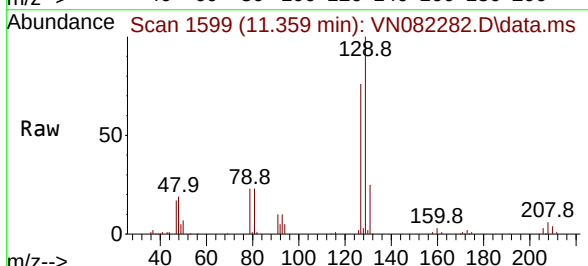
Manual Integrations
APPROVED

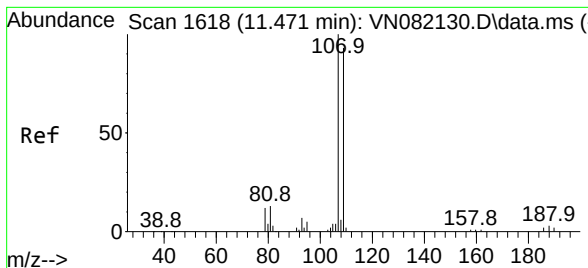
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#60
Dibromochloromethane
Concen: 53.880 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

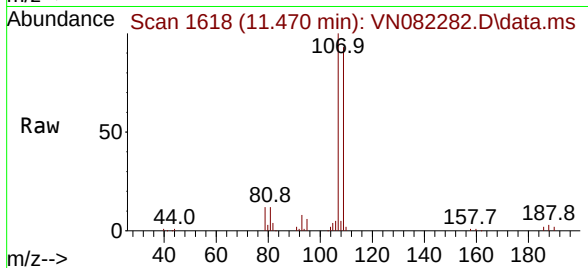
Tgt Ion:129 Resp: 163845
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





#61
1,2-Dibromoethane
Concen: 49.460 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

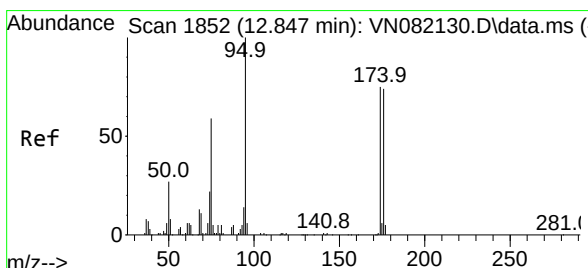
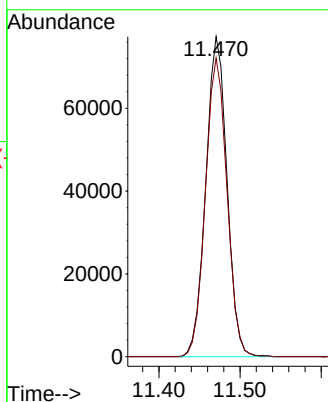
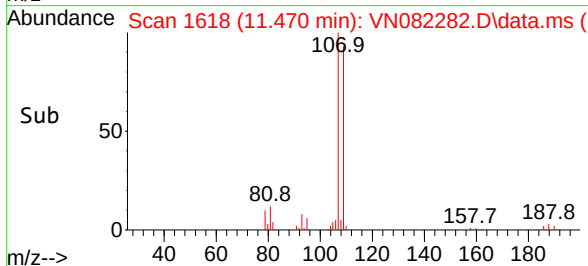
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



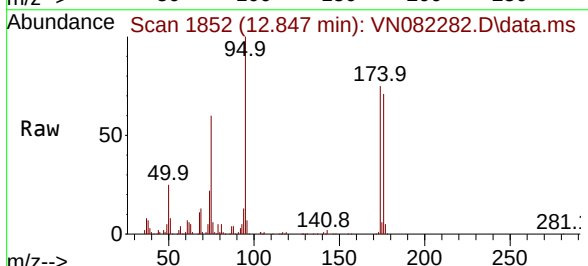
Tgt Ion:107 Resp: 139980
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.6

Manual Integrations
APPROVED

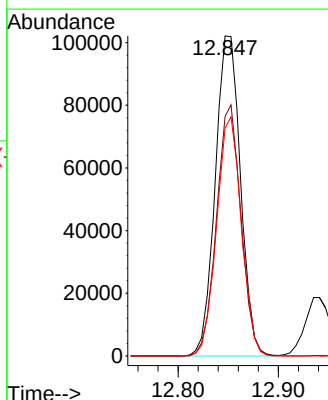
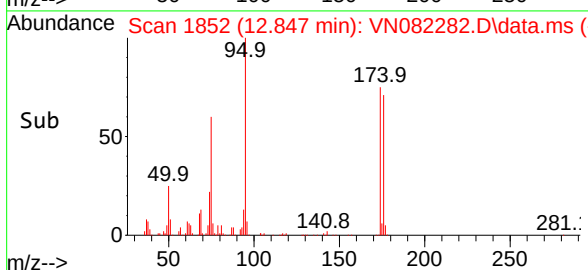
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

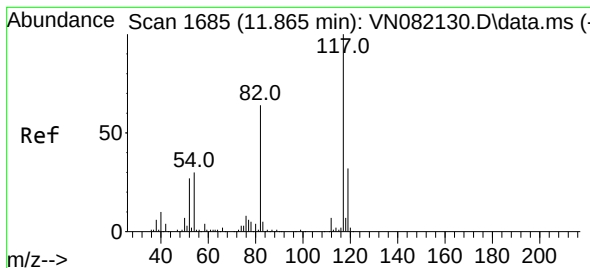


#62
4-Bromofluorobenzene
Concen: 51.527 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion: 95 Resp: 178137
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.6
176 73.0 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 369969

Ion Ratio Lower Upper

117 100

82 61.0 44.6 66.8

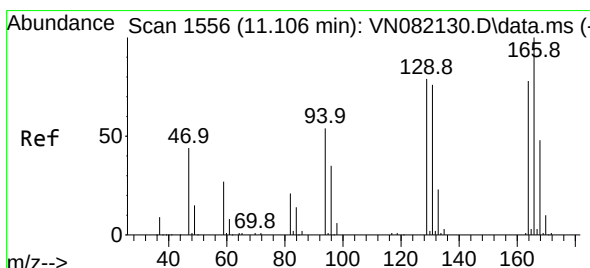
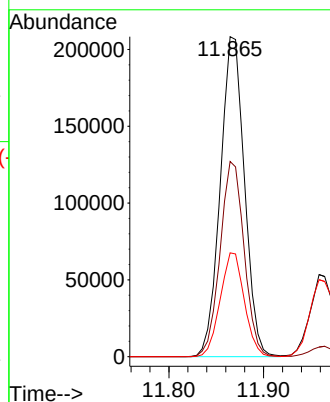
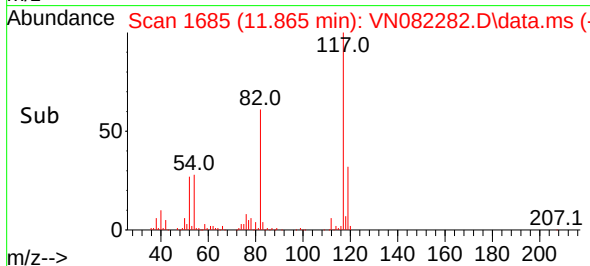
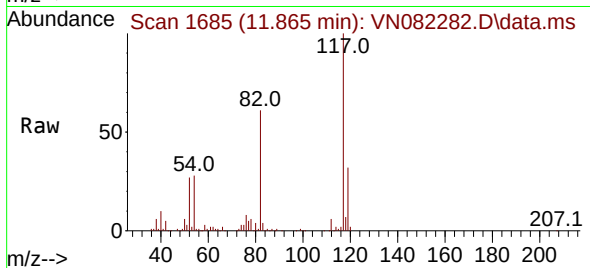
119 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#64

Tetrachloroethene

Concen: 50.970 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Tgt Ion:164 Resp: 139769

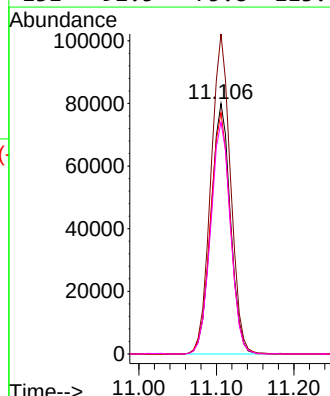
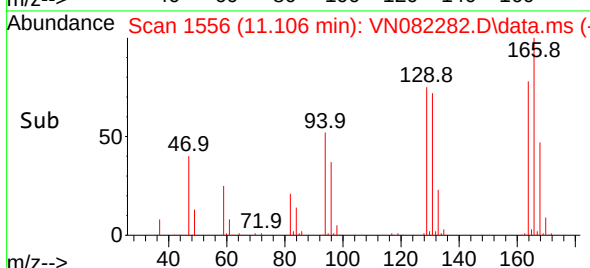
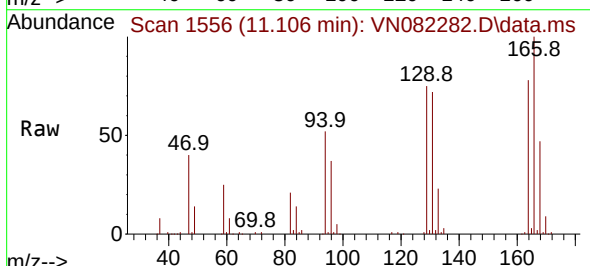
Ion Ratio Lower Upper

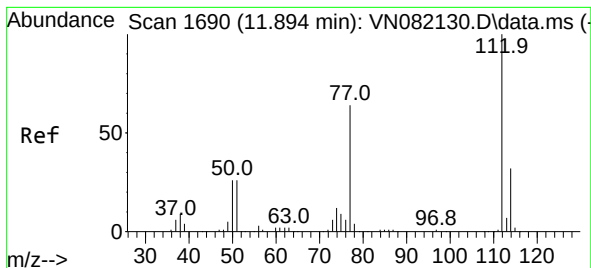
164 100

166 127.8 97.6 146.4

129 96.4 73.7 110.5

131 92.5 75.8 113.6





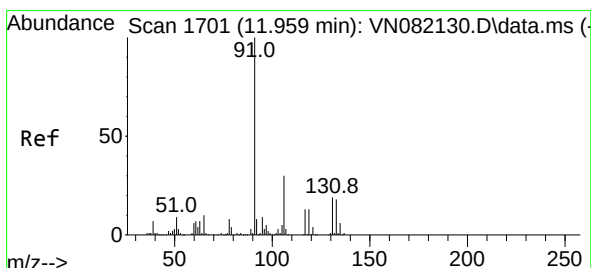
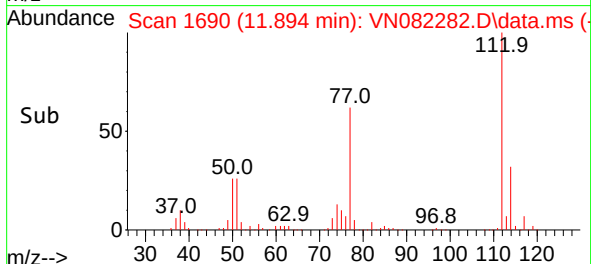
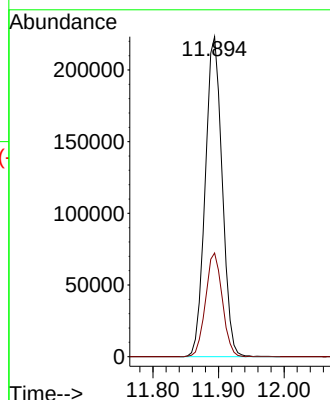
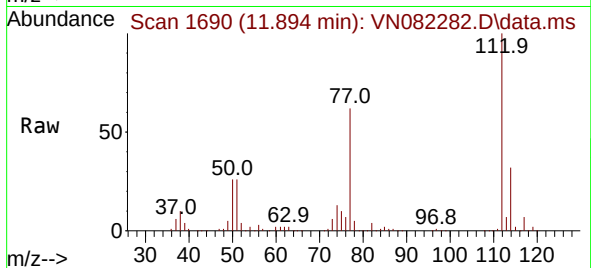
#65
Chlorobenzene
Concen: 49.081 ug/l
RT: 11.894 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 40114
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

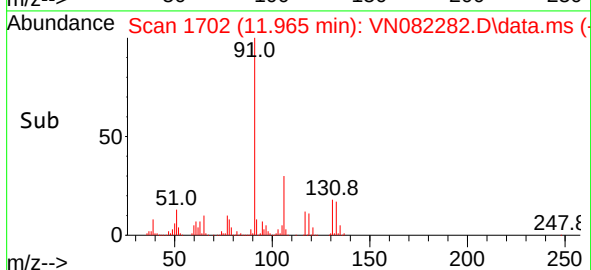
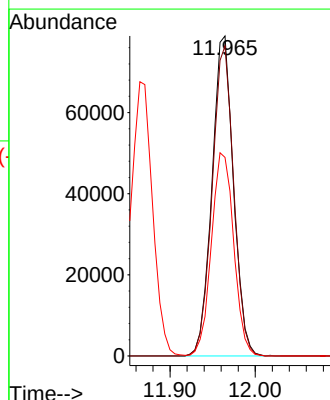
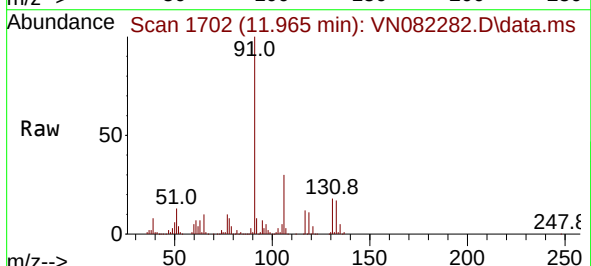
Manual Integrations
APPROVED

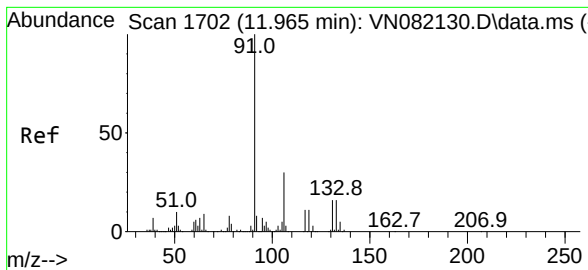
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.540 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

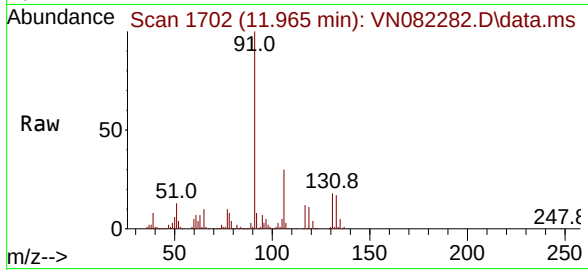
Tgt Ion:131 Resp: 138755
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.6
119 65.8 32.9 98.7





#67
Ethyl Benzene
Concen: 50.310 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

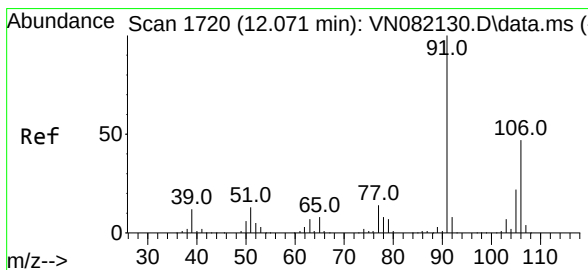
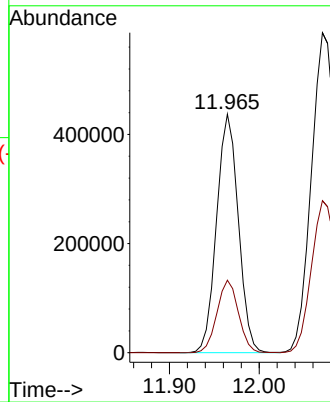
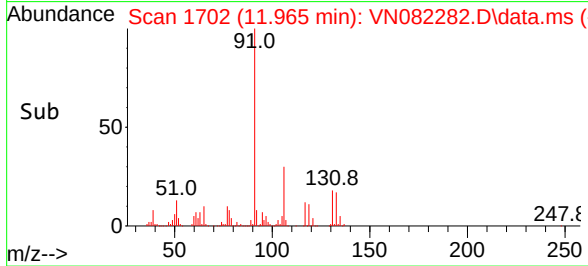
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



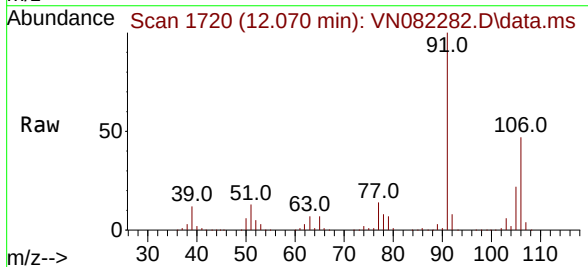
Tgt Ion: 91 Resp: 735562
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9

Manual Integrations
APPROVED

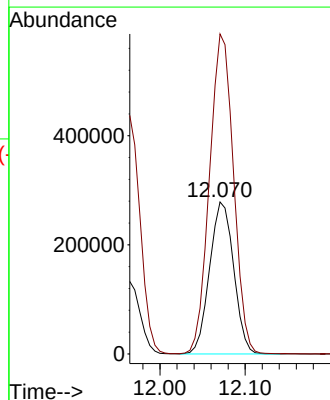
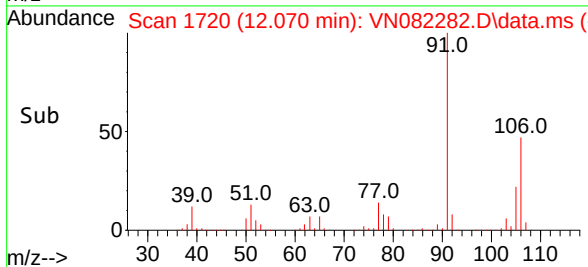
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

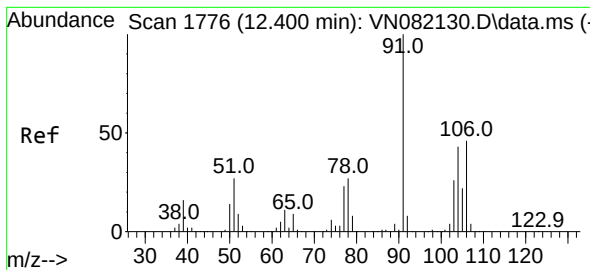


#68
m/p-Xylenes
Concen: 101.976 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion:106 Resp: 546444
Ion Ratio Lower Upper
106 100
91 210.5 159.4 239.0





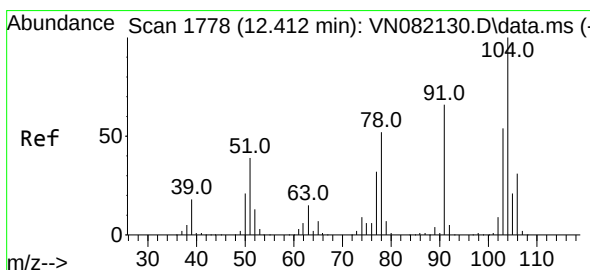
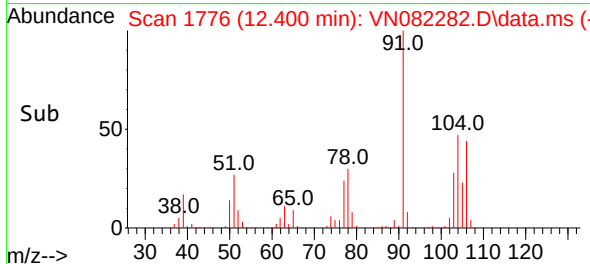
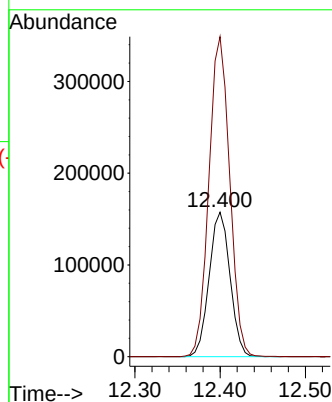
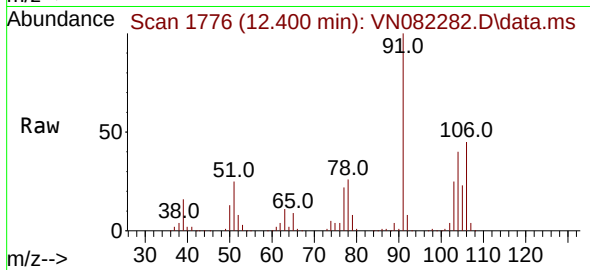
#69
o-Xylene
Concen: 51.626 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 267975
Ion Ratio Lower Upper
106 100
91 221.1 104.7 314.1

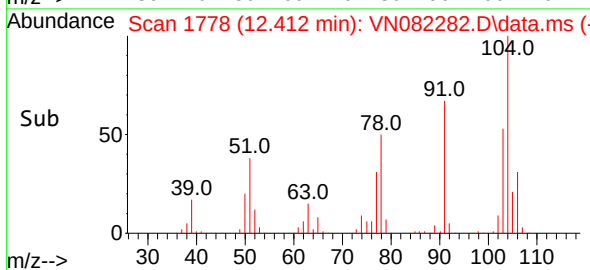
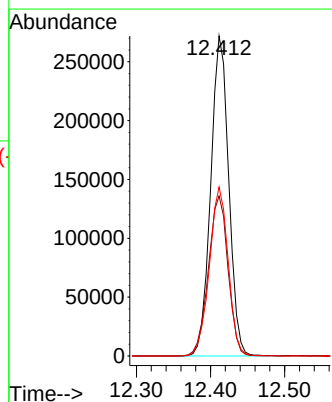
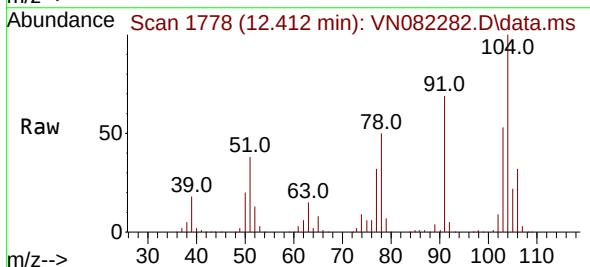
Manual Integrations
APPROVED

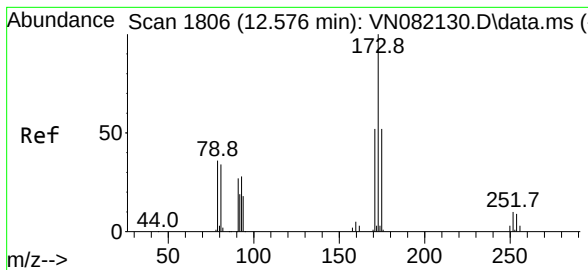
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#70
Styrene
Concen: 53.208 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

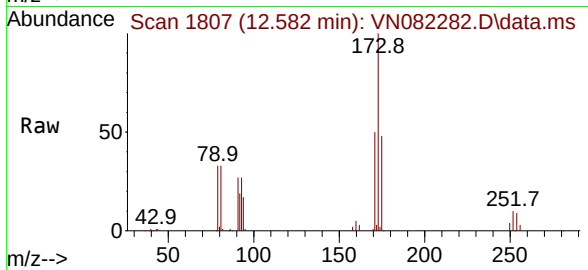
Tgt Ion:104 Resp: 458747
Ion Ratio Lower Upper
104 100
78 54.5 38.6 58.0
103 55.2 43.8 65.6





#71
Bromoform
Concen: 50.237 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

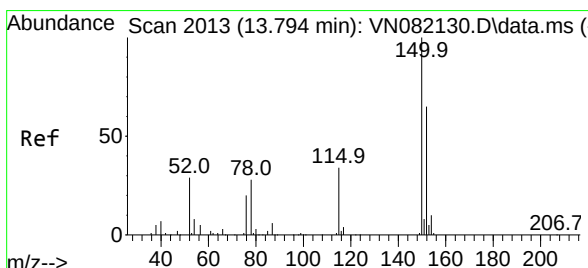
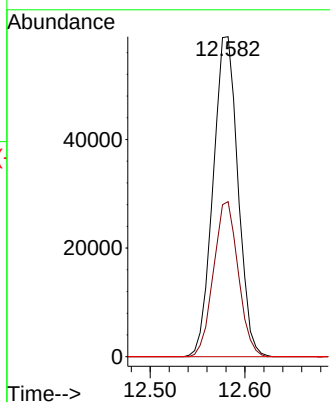
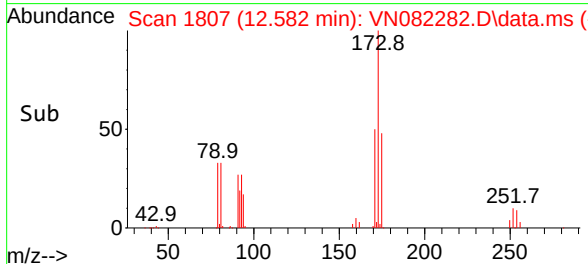
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



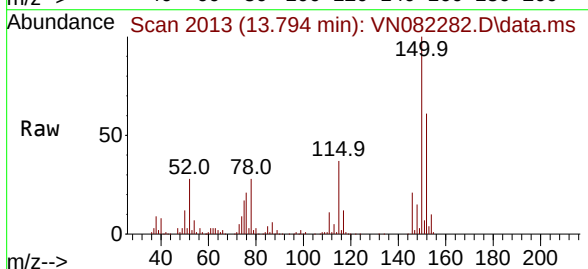
Tgt Ion:173 Resp: 107579
Ion Ratio Lower Upper
173 100
175 48.1 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

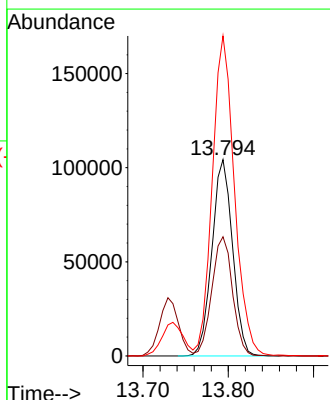
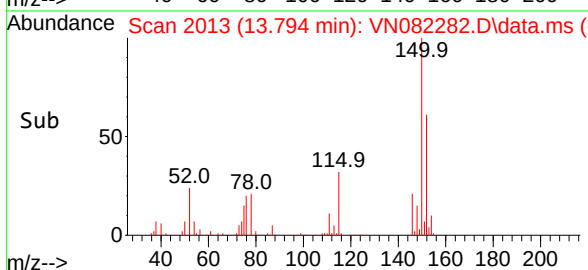
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

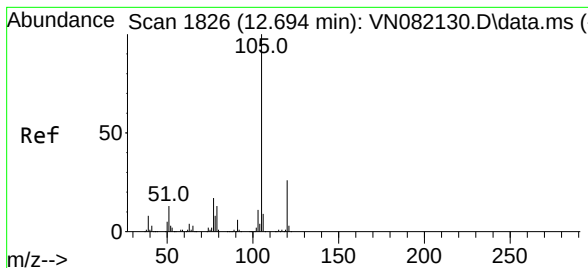


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion:152 Resp: 175281
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 175.1 0.0 353.2





#73

Isopropylbenzene

Concen: 50.365 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 701344

Ion Ratio Lower Upper

105 100

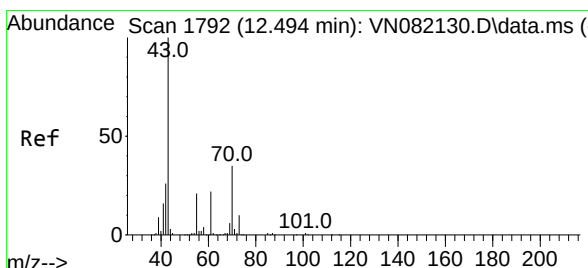
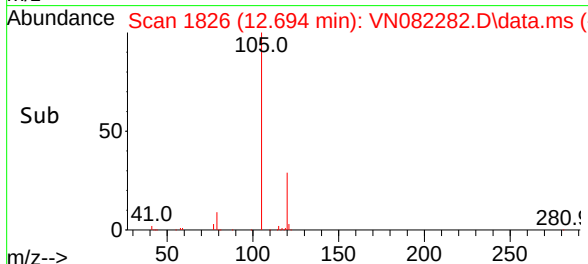
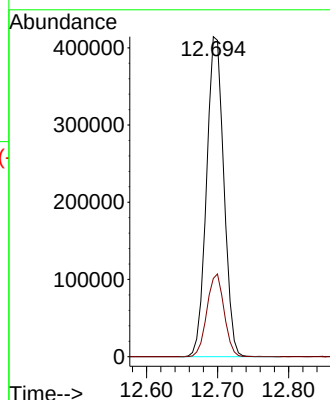
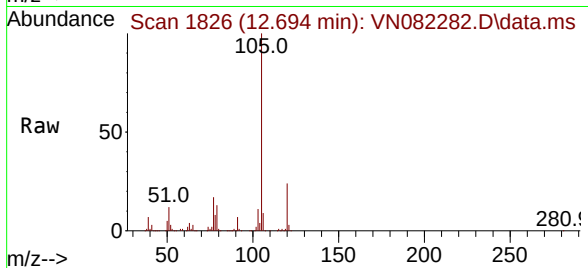
120 25.7 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#74

N-ethyl acetate

Concen: 47.610 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Tgt Ion: 43 Resp: 364677

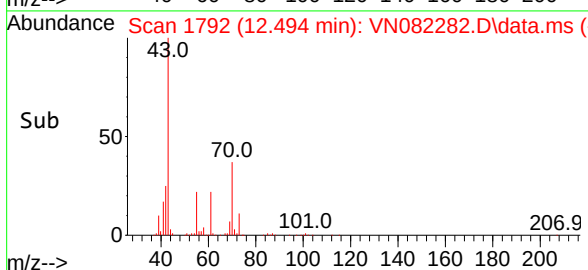
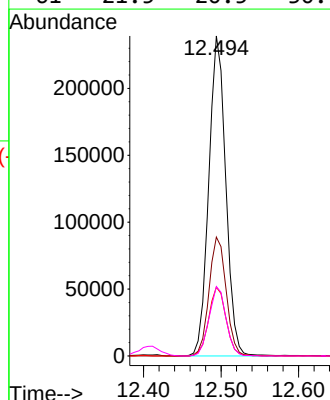
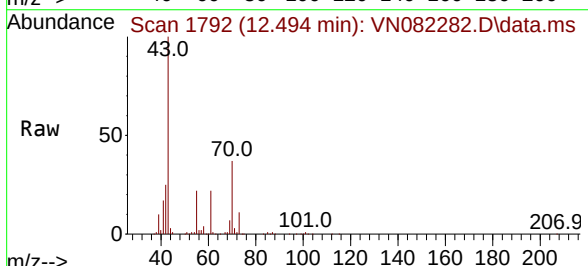
Ion Ratio Lower Upper

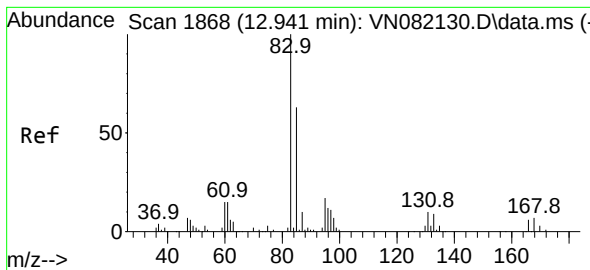
43 100

70 37.4 39.0 58.4

55 21.9 21.3 31.9

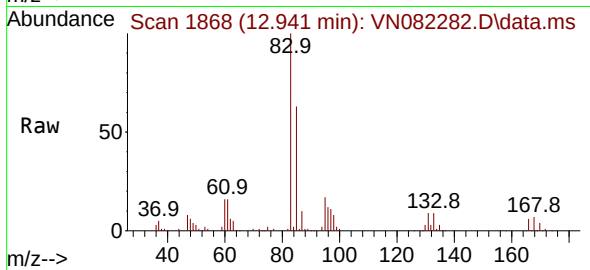
61 21.5 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.418 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

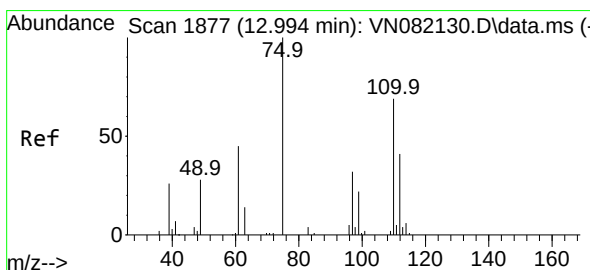
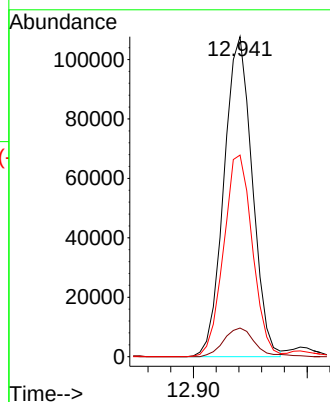
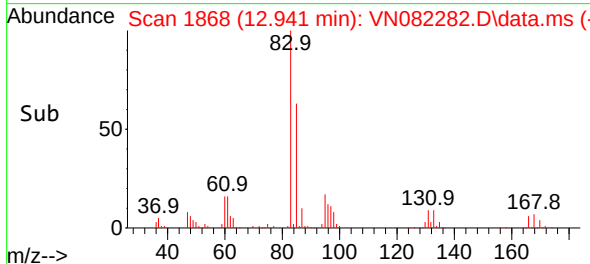
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion: 83 Resp: 186325
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.4
85 64.1 32.9 98.6

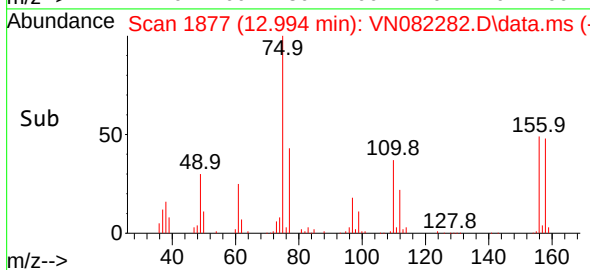
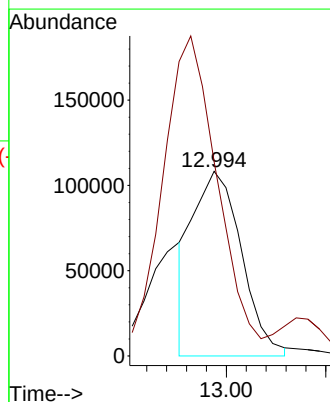
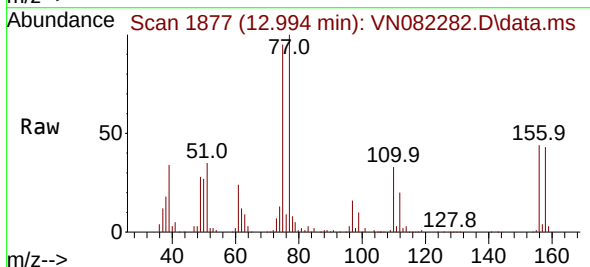
Manual Integrations
APPROVED

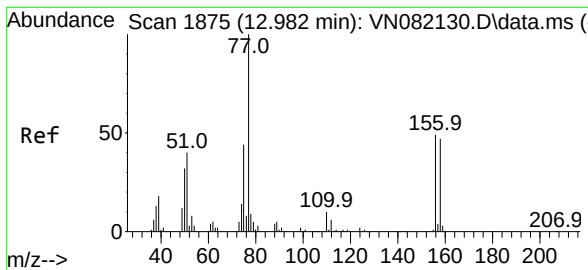
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#76
1,2,3-Trichloropropane
Concen: 49.955 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

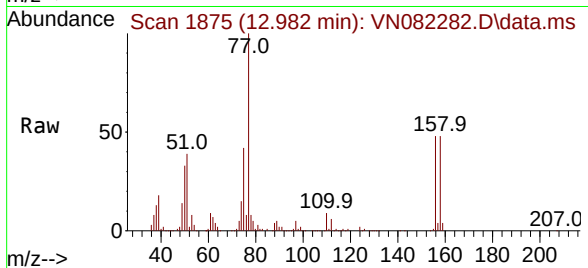
Tgt Ion: 75 Resp: 184298
Ion Ratio Lower Upper
75 100
77 196.5 90.5 271.3





#77
Bromobenzene
Concen: 48.238 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

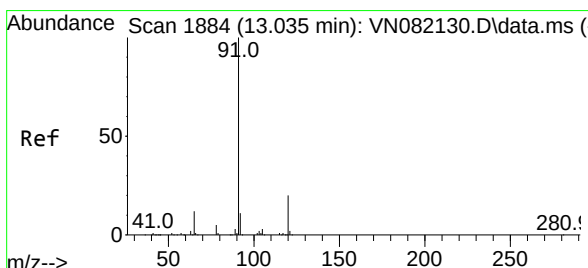
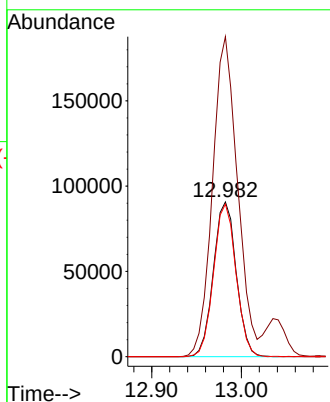
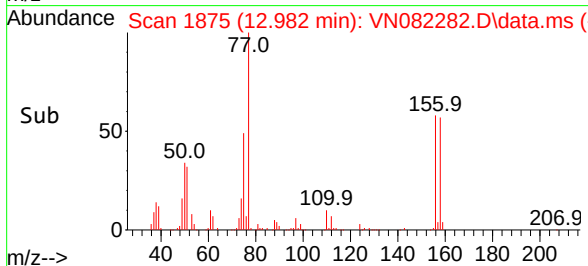
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



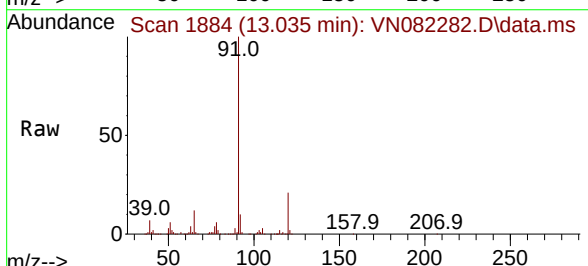
Tgt Ion:156 Resp: 160080
Ion Ratio Lower Upper
156 100
77 226.3 100.2 300.6
158 97.1 49.1 147.3

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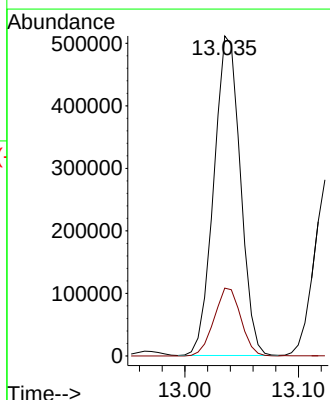
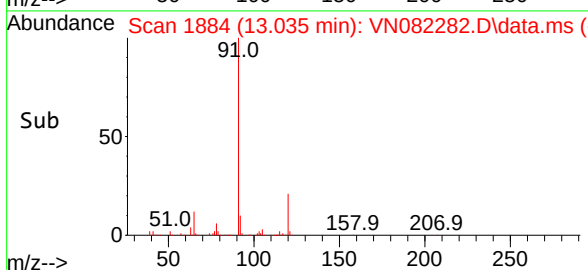
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

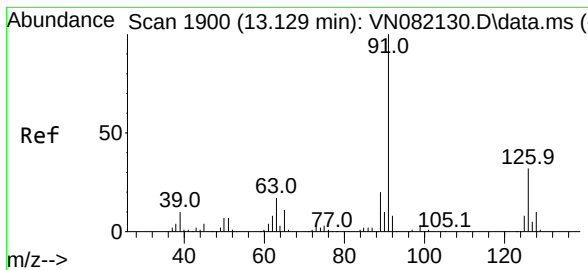


#78
n-propylbenzene
Concen: 50.383 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion: 91 Resp: 830792
Ion Ratio Lower Upper
91 100
120 21.4 11.7 35.0





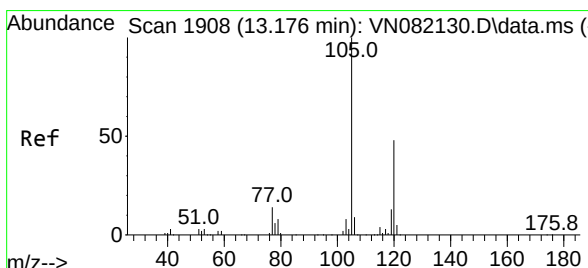
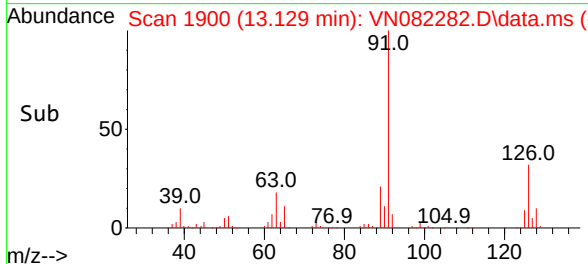
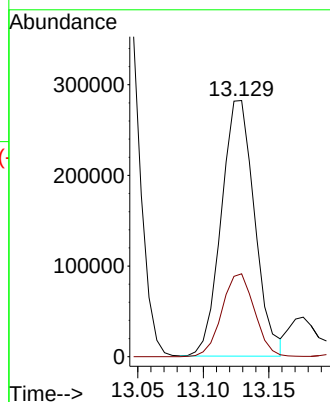
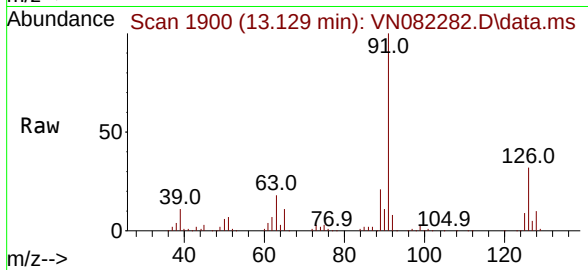
#79
2-Chlorotoluene
Concen: 48.259 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 499699
Ion Ratio Lower Upper
91 100
126 31.7 17.5 52.5

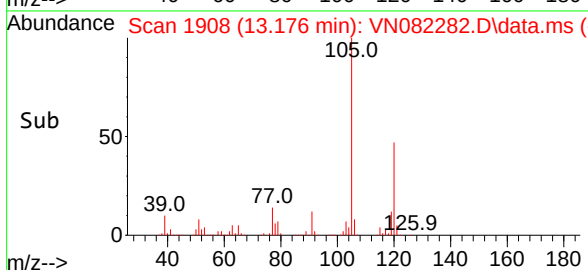
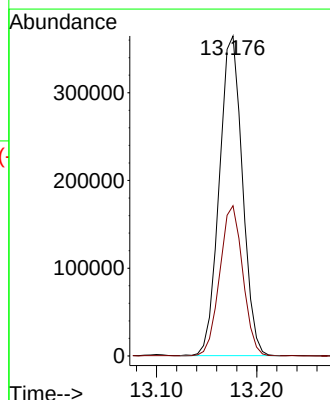
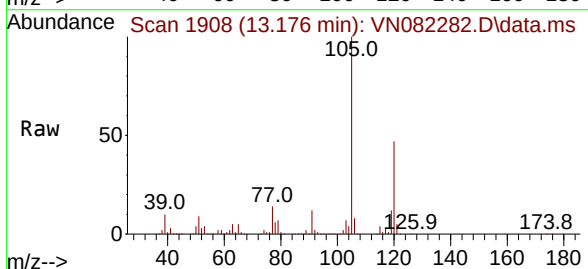
Manual Integrations
APPROVED

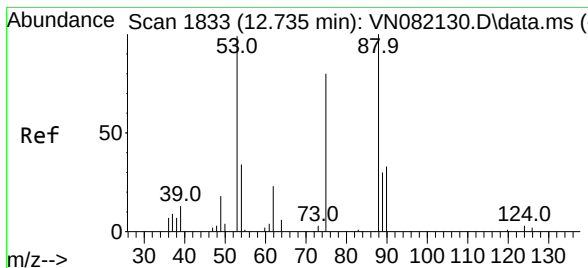
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.718 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

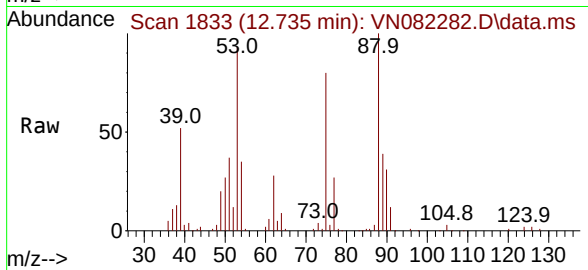
Tgt Ion:105 Resp: 582335
Ion Ratio Lower Upper
105 100
120 46.8 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 46.741 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

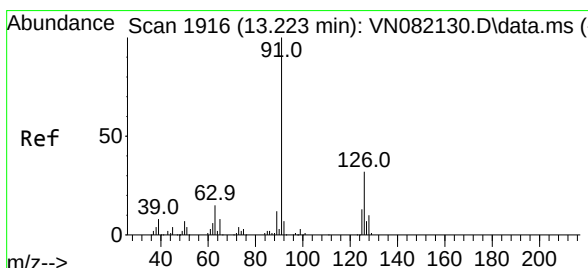
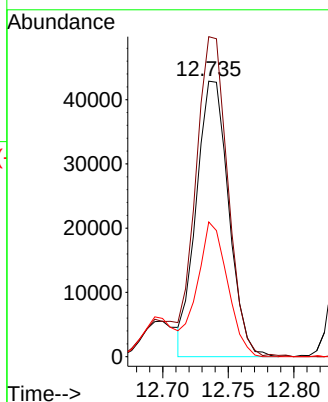
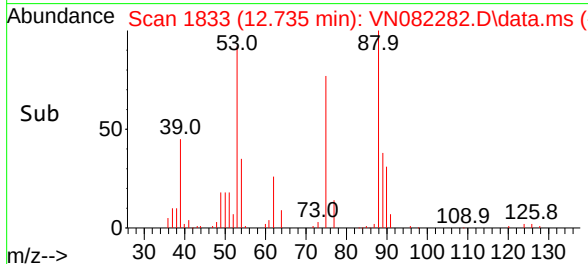
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 73724
Ion Ratio Lower Upper
75 100
53 129.1 72.9 109.3
89 46.0 39.1 58.7

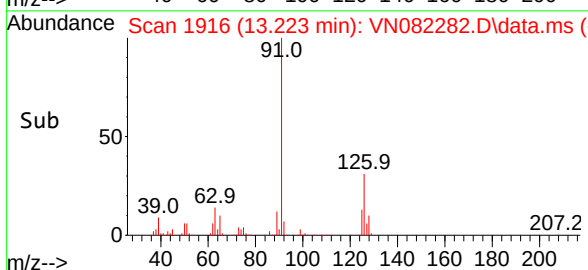
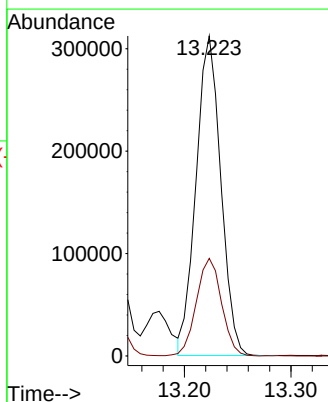
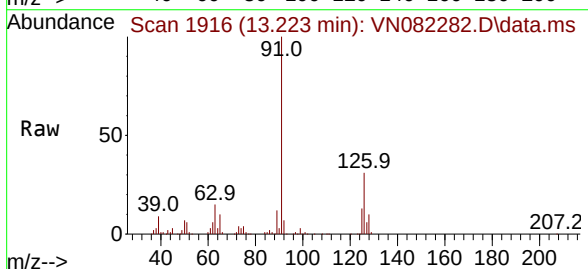
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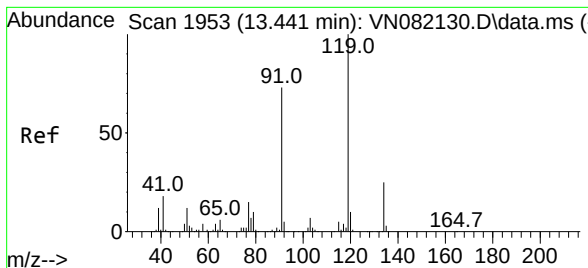
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#82
4-Chlorotoluene
Concen: 49.748 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Tgt Ion: 91 Resp: 503642
Ion Ratio Lower Upper
91 100
126 31.1 17.4 52.3





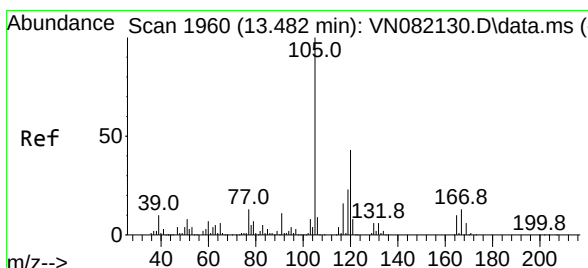
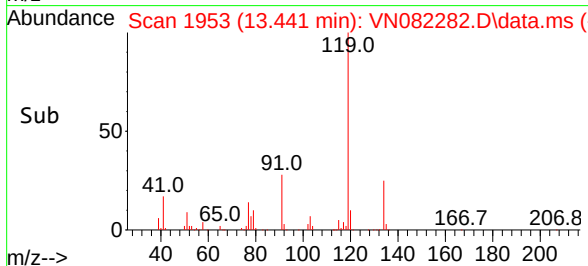
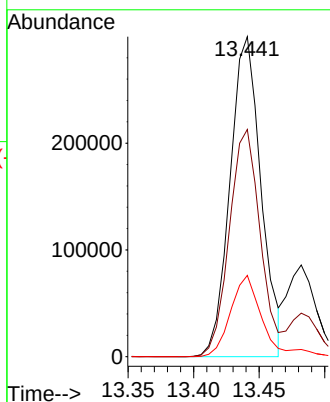
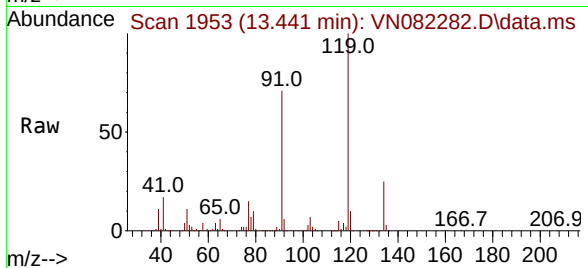
#83
tert-Butylbenzene
Concen: 50.149 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 494002
Ion Ratio Lower Upper
119 100
91 70.6 32.6 97.8
134 26.1 12.4 37.0

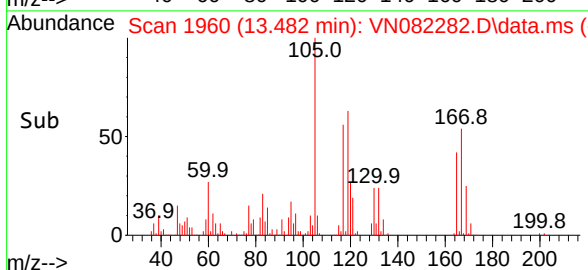
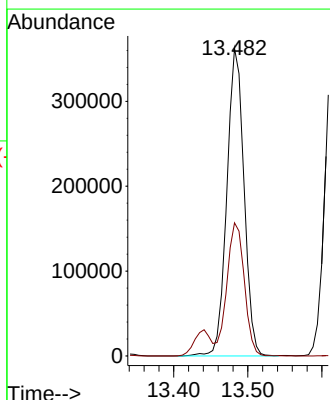
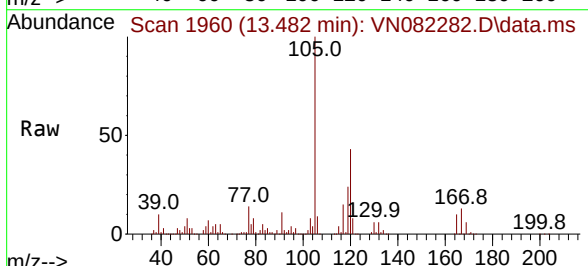
Manual Integrations
APPROVED

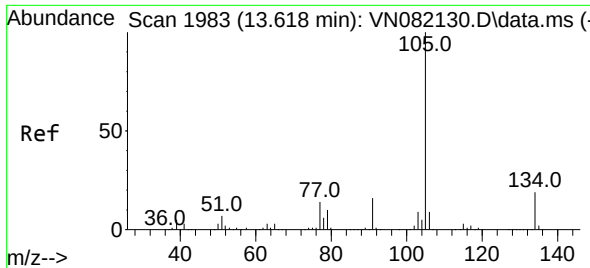
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024



#84
1,2,4-Trimethylbenzene
Concen: 50.632 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

Tgt Ion:105 Resp: 583260
Ion Ratio Lower Upper
105 100
120 44.2 22.9 68.7





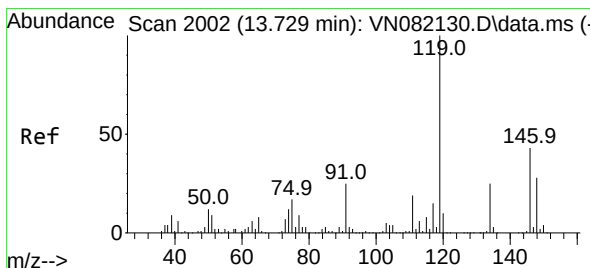
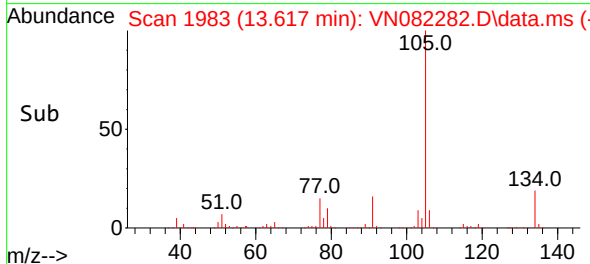
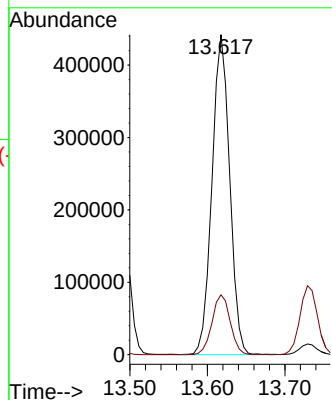
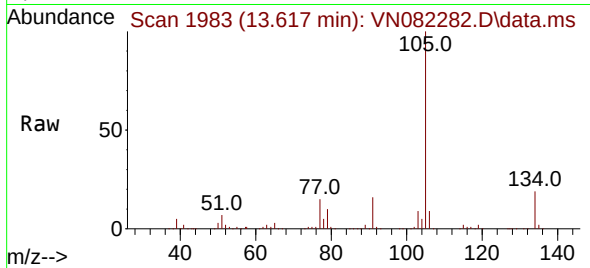
#85
 sec-Butylbenzene
 Concen: 51.310 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 70057
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

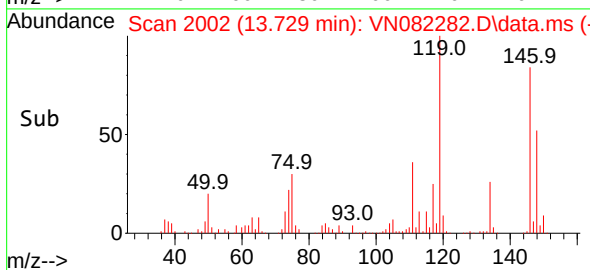
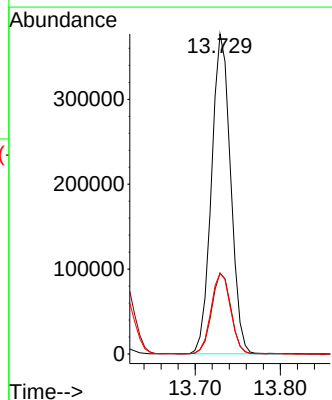
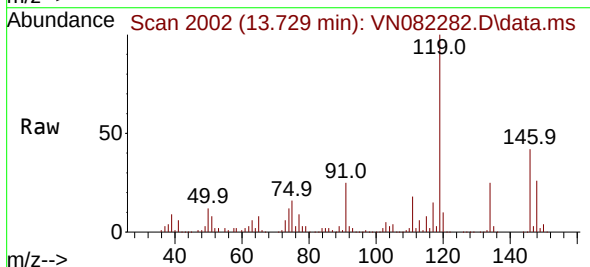
Manual Integrations
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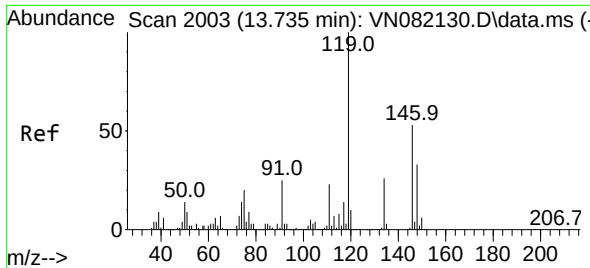
Reviewed By :John Carlone 05/23/2024
 Supervised By :Mahesh Dadoda 05/23/2024



#86
 p-Isopropyltoluene
 Concen: 52.797 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

Tgt Ion:119 Resp: 585854
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 25.8 11.8 35.3





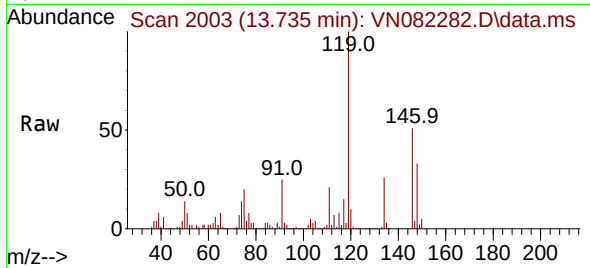
#87
 1,3-Dichlorobenzene
 Concen: 49.136 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



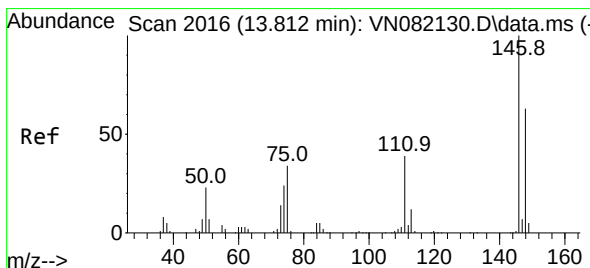
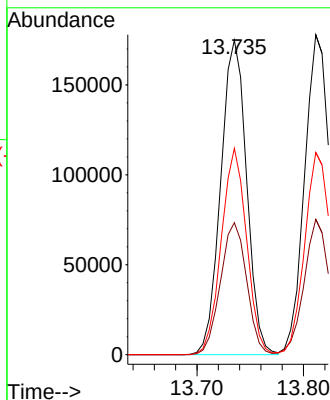
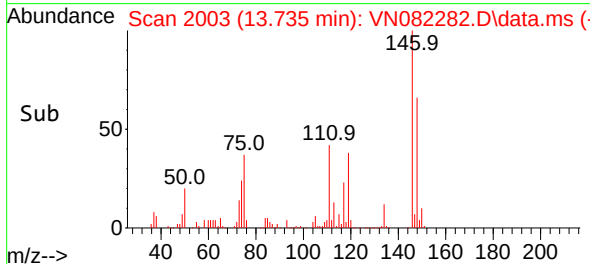
Tgt Ion:146 Resp: 295417
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.5
 148 64.0 32.1 96.3

Manual Integrations

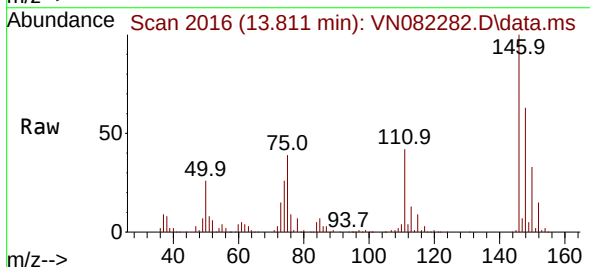
APPROVED

Reviewed By :John Carlone 05/23/2024

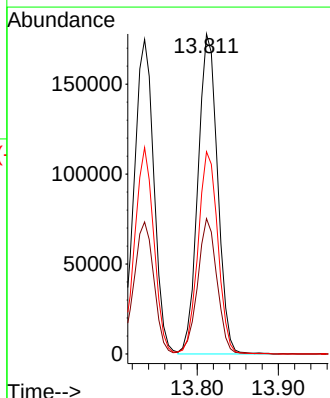
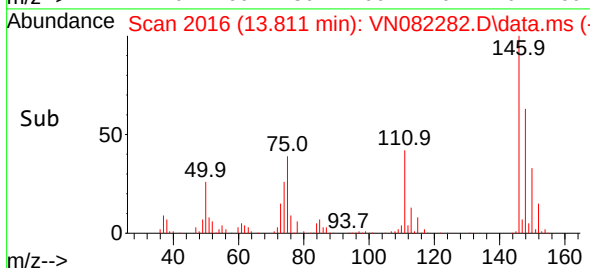
Supervised By :Mahesh Dadoda 05/23/2024

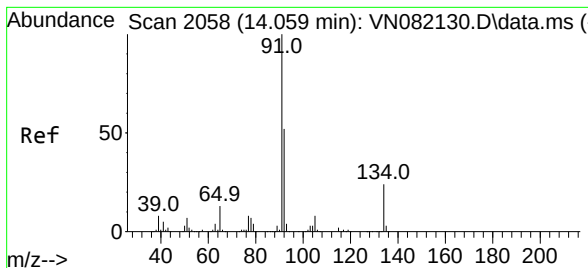


#88
 1,4-Dichlorobenzene
 Concen: 48.676 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN082282.D
 Acq: 22 May 2024 10:25



Tgt Ion:146 Resp: 298682
 Ion Ratio Lower Upper
 146 100
 111 42.0 19.3 57.9
 148 63.9 31.3 93.9





#89

n-Butylbenzene

Concen: 51.743 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

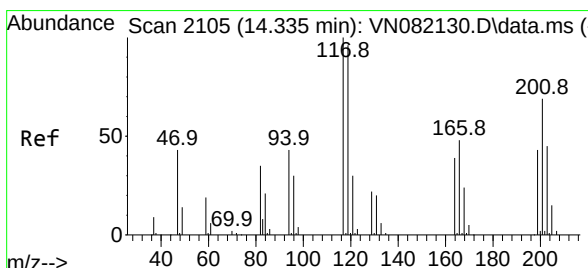
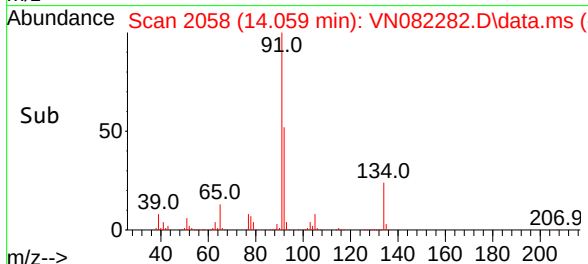
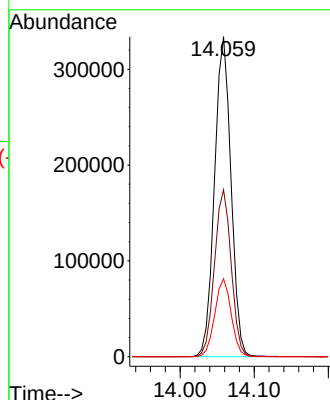
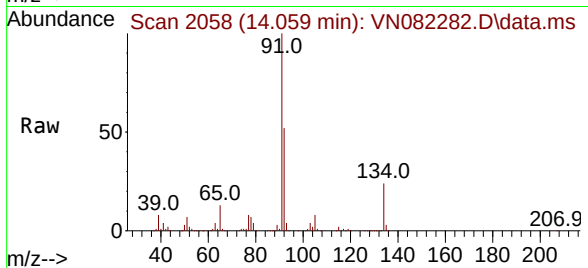
Tgt Ion:	91	Resp:	516064
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	24.2	13.2	39.5

Manual Integrations

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Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#90

Hexachloroethane

Concen: 50.493 ug/l

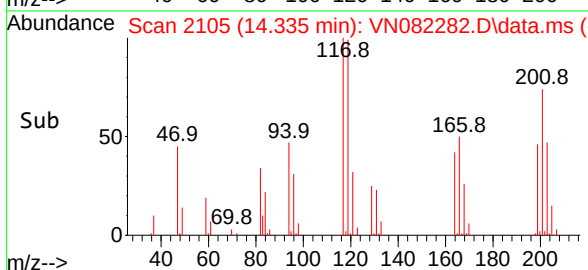
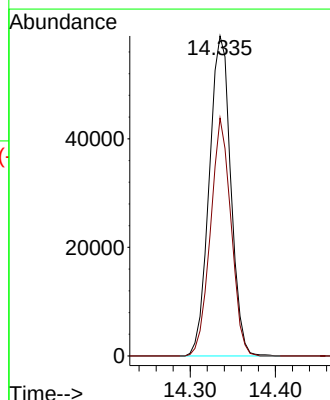
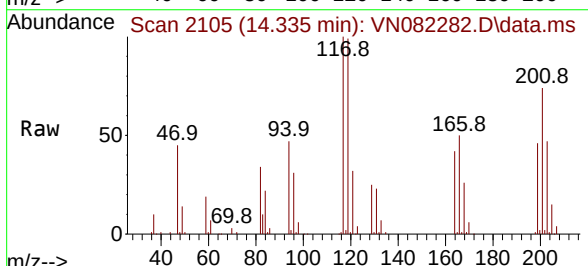
RT: 14.335 min Scan# 2105

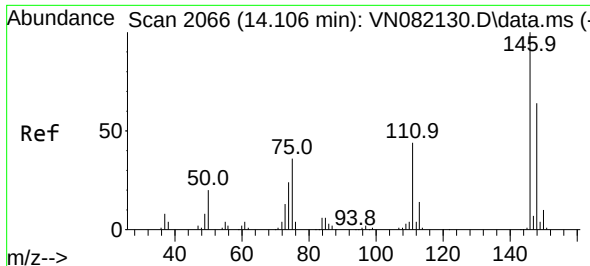
Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

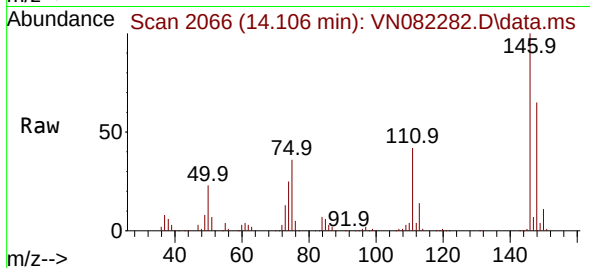
Tgt Ion:	117	Resp:	103808
Ion	Ratio	Lower	Upper
117	100		
201	70.7	33.3	99.8





#91
1,2-Dichlorobenzene
Concen: 50.297 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

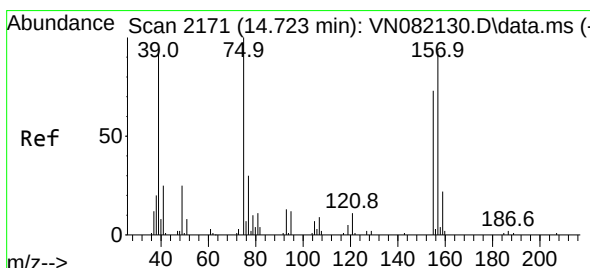
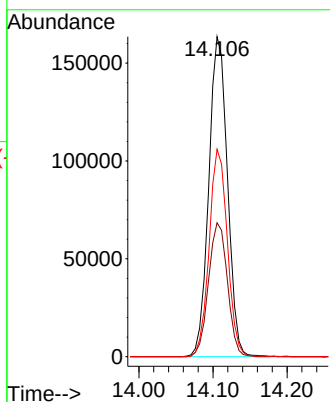
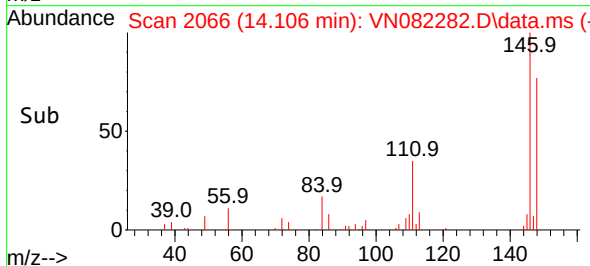
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



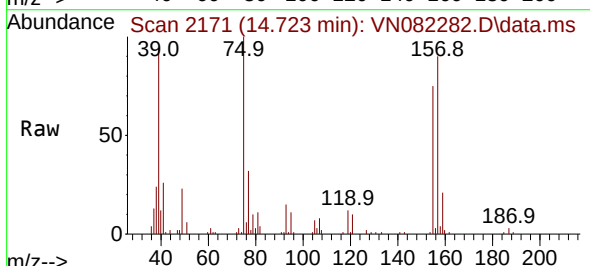
Tgt Ion:146 Resp: 286240
Ion Ratio Lower Upper
146 100
111 42.4 21.3 64.0
148 63.3 31.8 95.4

Manual Integrations
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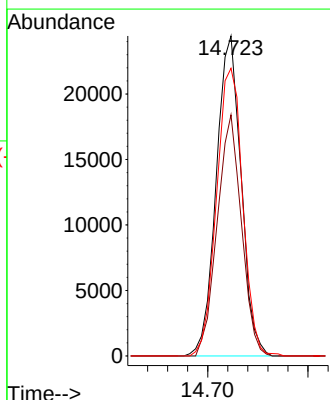
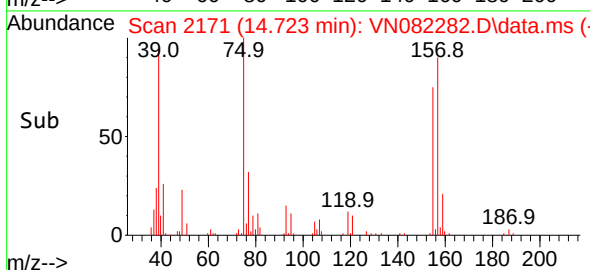
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

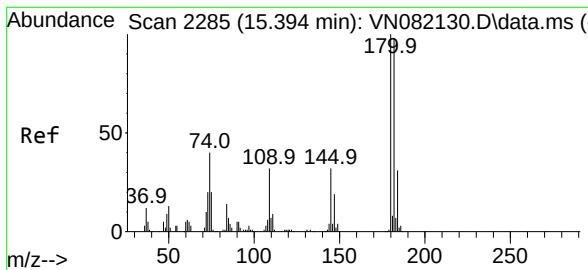


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.926 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



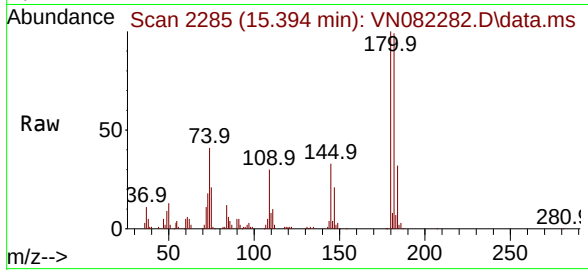
Tgt Ion: 75 Resp: 42000
Ion Ratio Lower Upper
75 100
155 73.4 42.6 128.0
157 94.4 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 50.542 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25

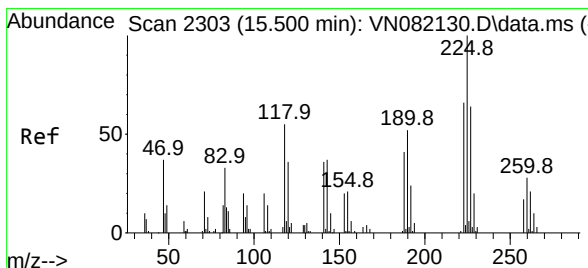
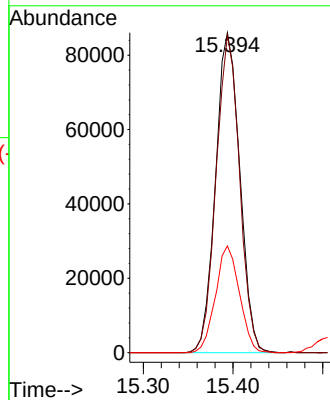
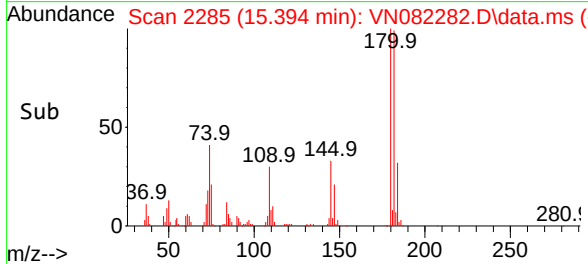
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



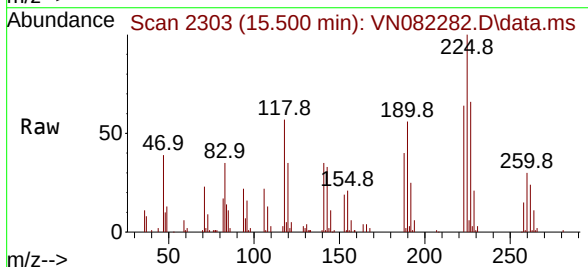
Tgt Ion:180 Resp: 161229
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.0
145 33.0 16.2 48.6

Manual Integrations
APPROVED

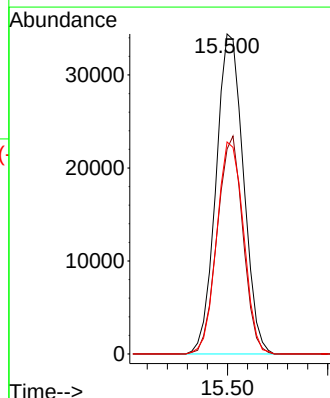
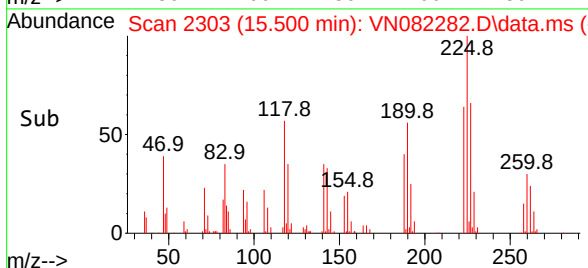
Reviewed By :John Carlone 05/23/2024
Supervised By :Mahesh Dadoda 05/23/2024

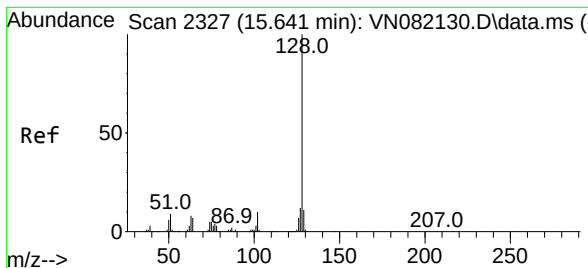


#94
Hexachlorobutadiene
Concen: 46.716 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN082282.D
Acq: 22 May 2024 10:25



Tgt Ion:225 Resp: 65390
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.2
227 64.9 30.6 91.6





#95

Naphthalene

Concen: 53.262 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 532459

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

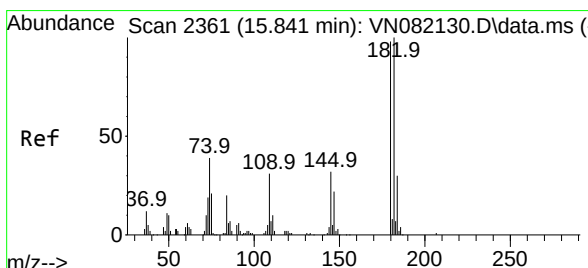
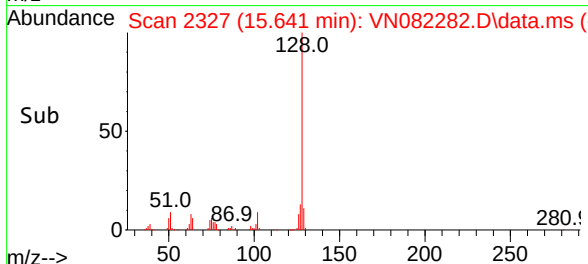
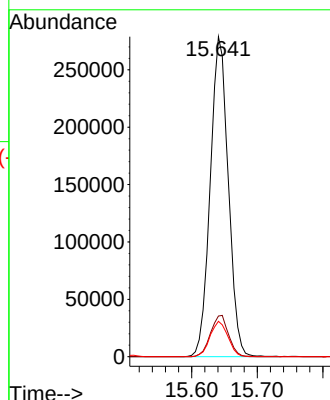
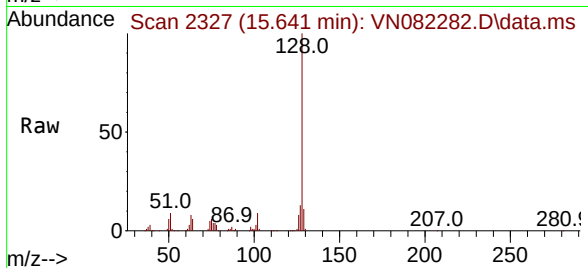
129 11.0 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2024

Supervised By :Mahesh Dadoda 05/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.942 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082282.D

Acq: 22 May 2024 10:25

Tgt Ion:180 Resp: 159487

Ion Ratio Lower Upper

180 100

182 94.6 46.0 137.8

145 33.2 17.1 51.3

