

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032624\
 Data File : VN081579.D
 Acq On : 26 Mar 2024 16:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/27/2024
 Supervised By :Mahesh Dadoda 03/27/2024

Quant Time: Mar 27 04:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	365983	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	627521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	561497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	284080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	229914	49.261	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.520%		
35) Dibromofluoromethane	8.165	113	208026	52.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.060%		
50) Toluene-d8	10.565	98	734376	51.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.847	95	271493	53.821	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	107.640%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	235518	47.792	ug/l	96
3) Chloromethane	2.359	50	242519	49.428	ug/l	97
4) Vinyl Chloride	2.518	62	283199	51.431	ug/l	93
5) Bromomethane	2.953	94	197722	50.773	ug/l	88
6) Chloroethane	3.124	64	199586	52.791	ug/l	96
7) Trichlorofluoromethane	3.500	101	440116	53.630	ug/l	95
8) Diethyl Ether	3.959	74	151073	55.625	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	257284	55.176	ug/l	90
10) Methyl Iodide	4.583	142	264480	56.956	ug/l	98
11) Tert butyl alcohol	5.512	59	233381	286.937	ug/l	99
12) 1,1-Dichloroethene	4.347	96	231955	53.703	ug/l	83
13) Acrolein	4.177	56	211709	290.075	ug/l	96
14) Allyl chloride	5.024	41	325421	60.127	ug/l	# 93
15) Acrylonitrile	5.712	53	551528	253.468	ug/l	98
16) Acetone	4.424	43	369662	245.078	ug/l	94
17) Carbon Disulfide	4.712	76	590458	47.638	ug/l	98
18) Methyl Acetate	5.018	43	255705	54.988	ug/l	# 86
19) Methyl tert-butyl Ether	5.794	73	782036	57.854	ug/l	97
20) Methylene Chloride	5.277	84	268900	54.424	ug/l	86
21) trans-1,2-Dichloroethene	5.783	96	264109	54.842	ug/l	89
22) Diisopropyl ether	6.665	45	739310	58.790	ug/l	# 92
23) Vinyl Acetate	6.600	43	2769424	276.672	ug/l	# 88
24) 1,1-Dichloroethane	6.565	63	468647	55.640	ug/l	95
25) 2-Butanone	7.483	43	641693	248.033	ug/l	# 84
26) 2,2-Dichloropropane	7.488	77	437859	59.937	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	311235	57.119	ug/l	85
28) Bromochloromethane	7.812	49	161845	47.176	ug/l	# 49
29) Tetrahydrofuran	7.835	42	435682	249.981	ug/l	# 78
30) Chloroform	7.965	83	522236	57.918	ug/l	96
31) Cyclohexane	8.253	56	370889	48.834	ug/l	# 74
32) 1,1,1-Trichloroethane	8.165	97	464329	56.760	ug/l	# 90
36) 1,1-Dichloropropene	8.371	75	367227	55.100	ug/l	94
37) Ethyl Acetate	7.559	43	279464	48.969	ug/l	96
38) Carbon Tetrachloride	8.359	117	409820	56.133	ug/l	100
39) Methylcyclohexane	9.600	83	420885	56.550	ug/l	# 85
40) Benzene	8.606	78	1112681	57.105	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	155060	51.377	ug/l #	89
42) 1,2-Dichloroethane	8.671	62	372723	54.356	ug/l	96
43) Isopropyl Acetate	8.688	43	489963	51.794	ug/l #	90
44) Trichloroethene	9.353	130	307366	56.087	ug/l	94
45) 1,2-Dichloropropane	9.624	63	274083	58.041	ug/l	100
46) Dibromomethane	9.712	93	200779	55.987	ug/l #	88
47) Bromodichloromethane	9.888	83	410349	58.525	ug/l #	99
48) Methyl methacrylate	9.682	41	226934	52.010	ug/l #	81
49) 1,4-Dioxane	9.694	88	105066	1001.993	ug/l #	66
51) 4-Methyl-2-Pentanone	10.447	43	1468472	254.396	ug/l	91
52) Toluene	10.629	92	706420	57.041	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	438680	57.941	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	468598	57.727	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	277430	55.664	ug/l	95
56) Ethyl methacrylate	10.871	69	392756	52.626	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	467336	57.199	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	884678	282.099	ug/l #	84
59) 2-Hexanone	11.194	43	1081201	253.341	ug/l	90
60) Dibromochloromethane	11.359	129	319159	58.228	ug/l	97
61) 1,2-Dibromoethane	11.471	107	291332	57.334	ug/l	100
64) Tetrachloroethene	11.106	164	306643	57.133	ug/l	91
65) Chlorobenzene	11.894	112	778038	58.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	296107	60.189	ug/l	96
67) Ethyl Benzene	11.965	91	1366307	59.257	ug/l	97
68) m/p-Xylenes	12.071	106	1080937	125.052	ug/l	93
69) o-Xylene	12.400	106	518229	61.069	ug/l	95
70) Styrene	12.412	104	876602	64.050	ug/l	96
71) Bromoform	12.582	173	213875	57.853	ug/l #	95
73) Isopropylbenzene	12.694	105	1367037	56.454	ug/l	97
74) N-amyl acetate	12.494	43	447346	51.048	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	355331	49.909	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	326459m	48.042	ug/l	
77) Bromobenzene	12.982	156	320912	53.648	ug/l	70
78) n-propylbenzene	13.035	91	1646414	57.573	ug/l	94
79) 2-Chlorotoluene	13.123	91	944310	55.172	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	1161217	58.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	149686	59.526	ug/l	90
82) 4-Chlorotoluene	13.223	91	953417	56.501	ug/l	92
83) tert-Butylbenzene	13.441	119	981303	56.896	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	1174747	58.439	ug/l	95
85) sec-Butylbenzene	13.617	105	1453541	58.954	ug/l	93
86) p-Isopropyltoluene	13.729	119	1224081	60.735	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	628167	57.156	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	626133	55.020	ug/l	96
89) n-Butylbenzene	14.059	91	1066012	59.648	ug/l	97
90) Hexachloroethane	14.335	117	215728	56.518	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	599503	56.673	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	73026	48.196	ug/l	66
93) 1,2,4-Trichlorobenzene	15.394	180	349684	57.171	ug/l	98
94) Hexachlorobutadiene	15.506	225	140856	52.487	ug/l	97
95) Naphthalene	15.641	128	1113556	56.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	342855	55.728	ug/l	98

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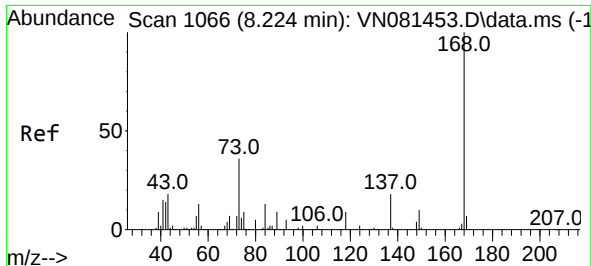
Manual Integrations
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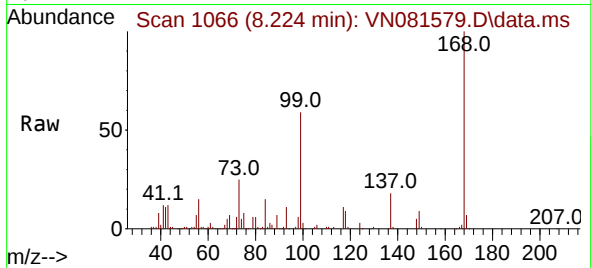
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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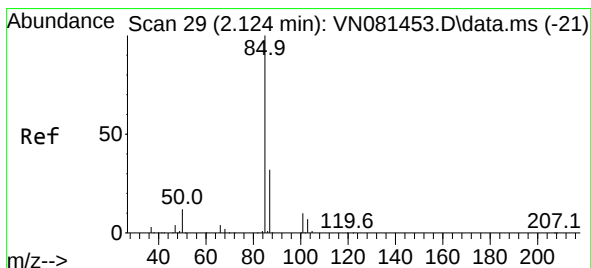
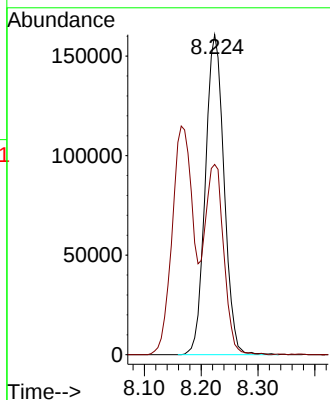
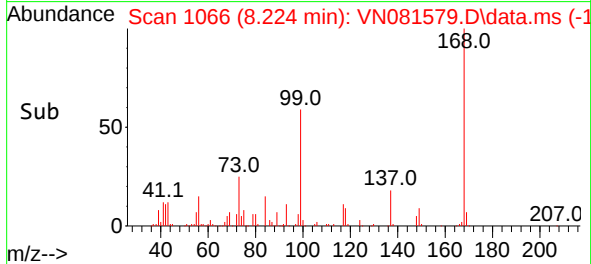
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 365983
Ion Ratio Lower Upper
168 100
99 59.3 59.9 89.9

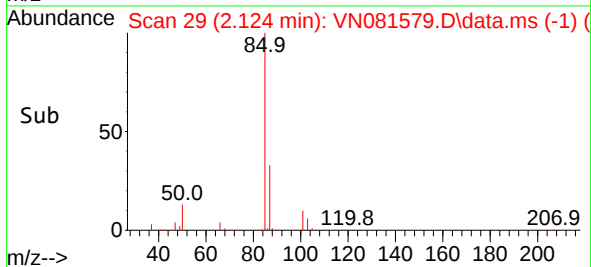
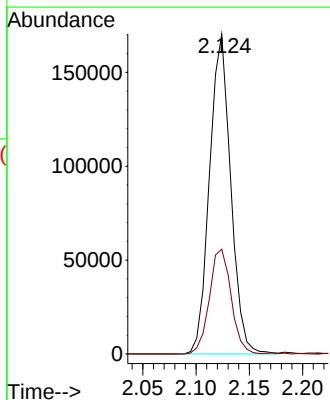
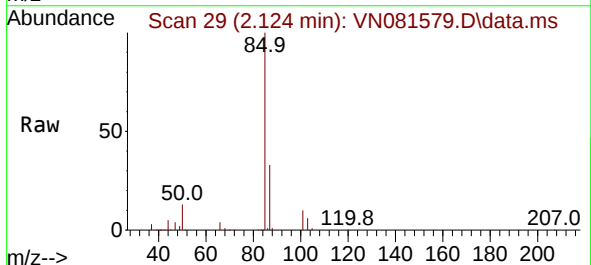
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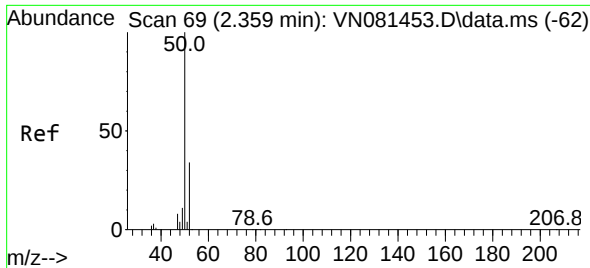
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#2
Dichlorodifluoromethane
Concen: 47.792 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

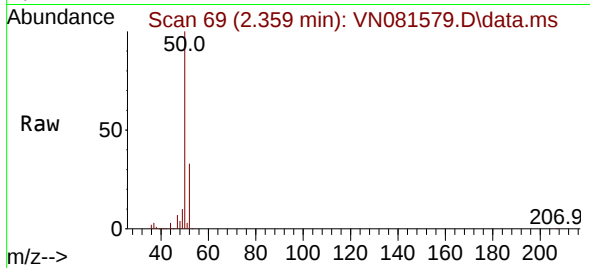
Tgt Ion: 85 Resp: 235518
Ion Ratio Lower Upper
85 100
87 32.8 15.3 45.9





#3
Chloromethane
Concen: 49.428 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

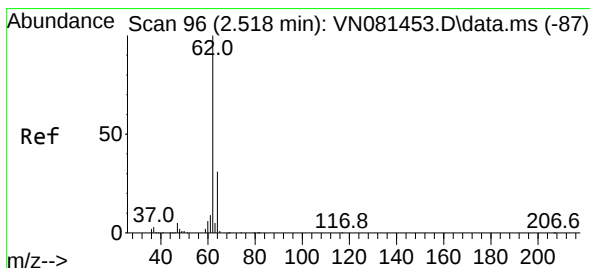
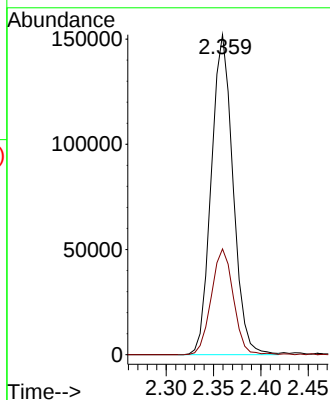
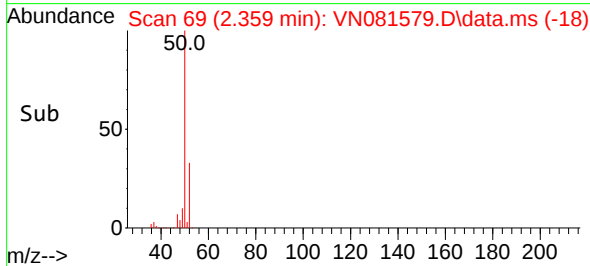
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Tgt Ion: 50 Resp: 242519
Ion Ratio Lower Upper
50 100
52 33.0 25.0 37.4

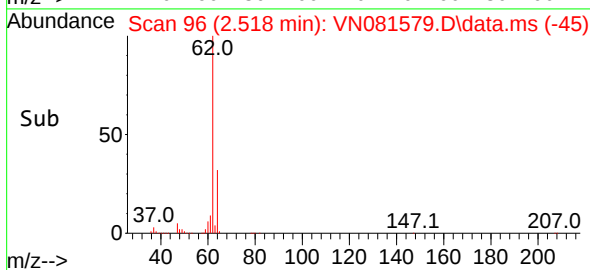
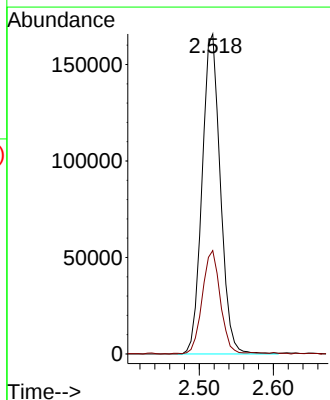
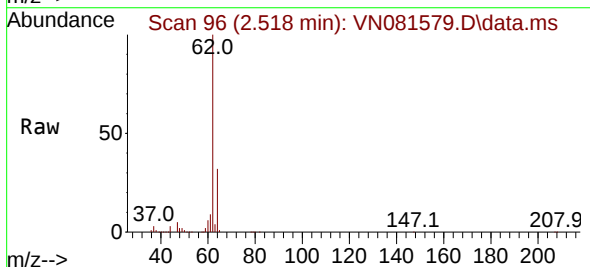
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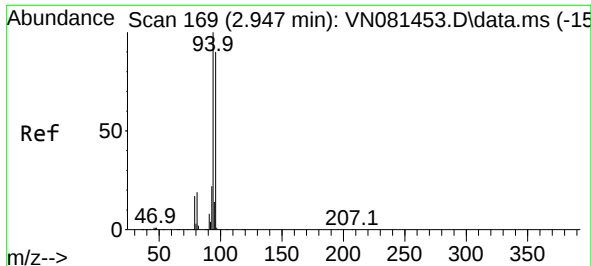
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#4
Vinyl Chloride
Concen: 51.431 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

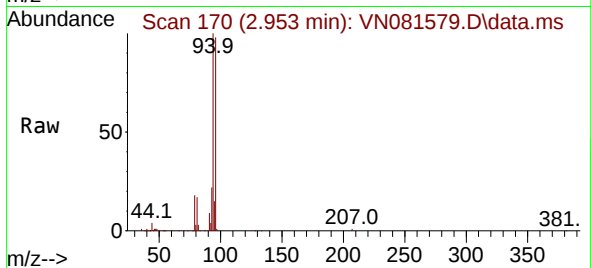
Tgt Ion: 62 Resp: 283199
Ion Ratio Lower Upper
62 100
64 32.1 22.7 34.1





#5
Bromomethane
Concen: 50.773 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

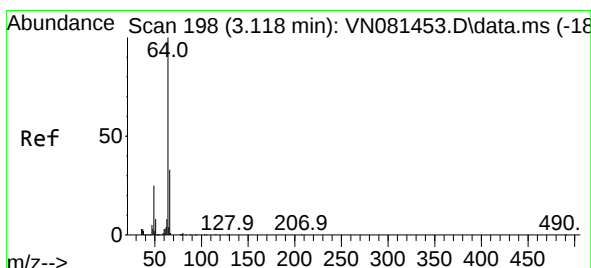
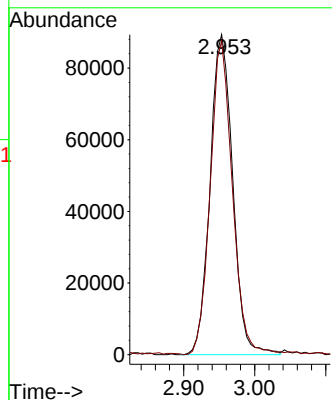
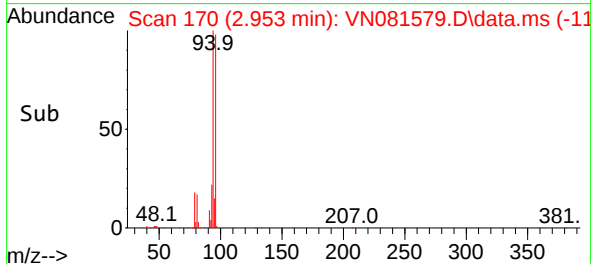
Instrument :
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Tgt Ion: 94 Resp: 19772
Ion Ratio Lower Upper
94 100
96 97.8 69.2 103.8

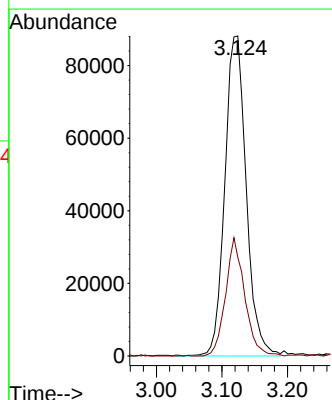
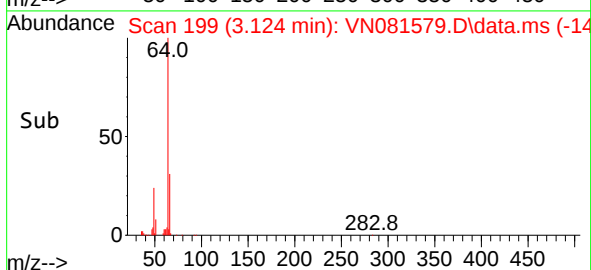
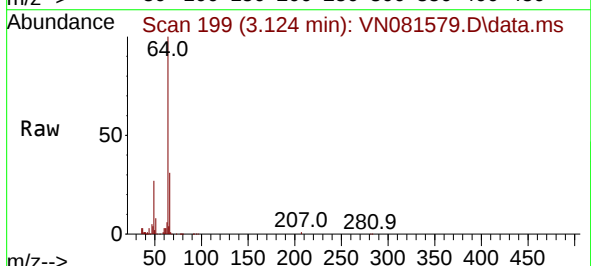
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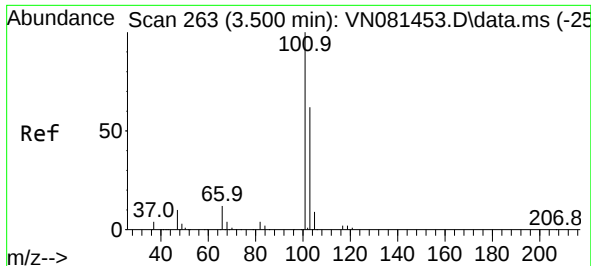
Reviewed By :John Carlone 03/27/2024
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#6
Chloroethane
Concen: 52.791 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion: 64 Resp: 199586
Ion Ratio Lower Upper
64 100
66 30.6 26.4 39.6





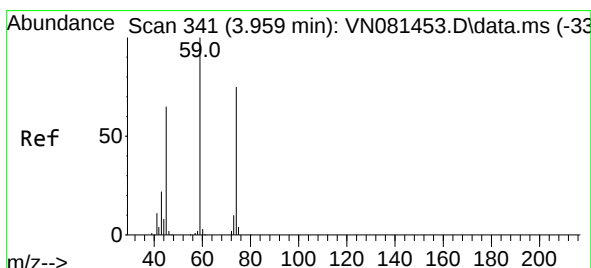
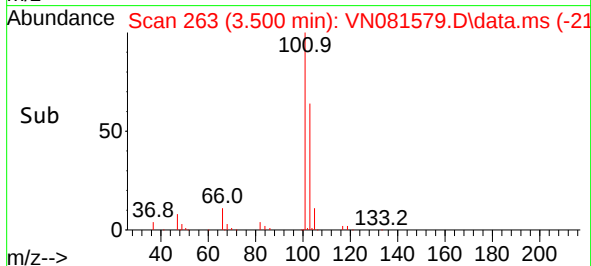
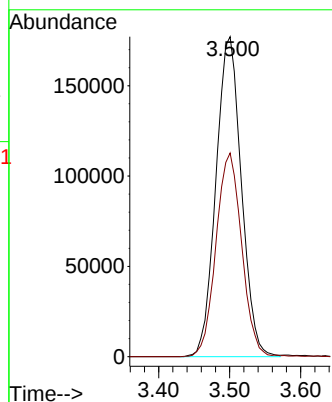
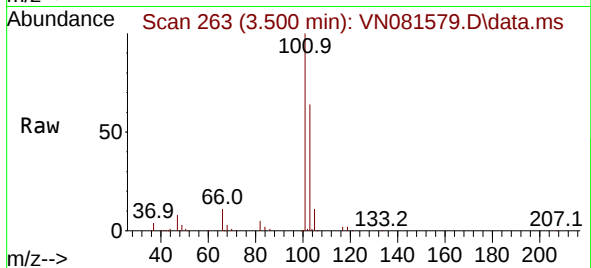
#7
 Trichlorofluoromethane
 Concen: 53.630 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

Instrument :
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Tgt Ion:101 Resp: 440110
 Ion Ratio Lower Upper
 101 100
 103 63.6 54.4 81.6

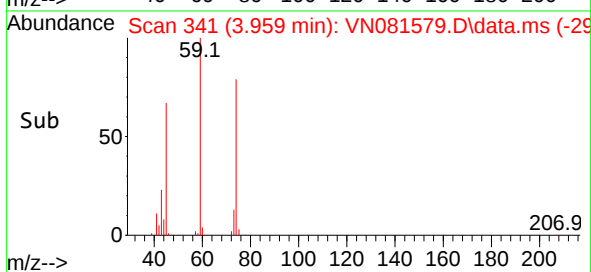
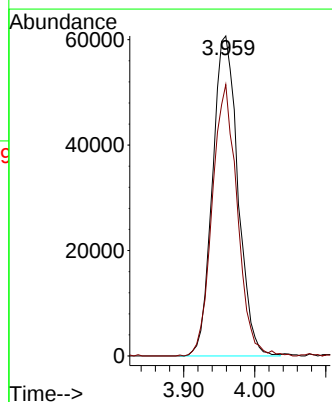
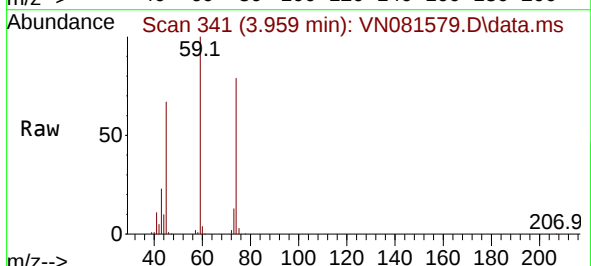
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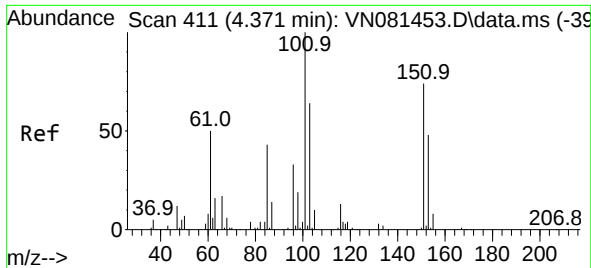
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#8
 Diethyl Ether
 Concen: 55.625 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 26 Mar 2024 16:11

Tgt Ion: 74 Resp: 151073
 Ion Ratio Lower Upper
 74 100
 45 83.4 53.3 159.9





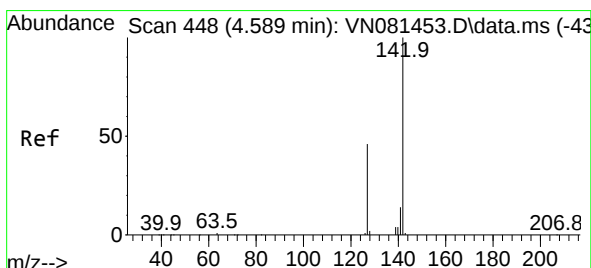
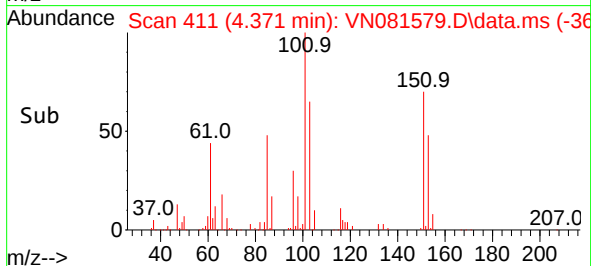
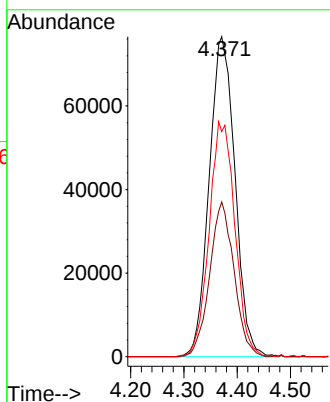
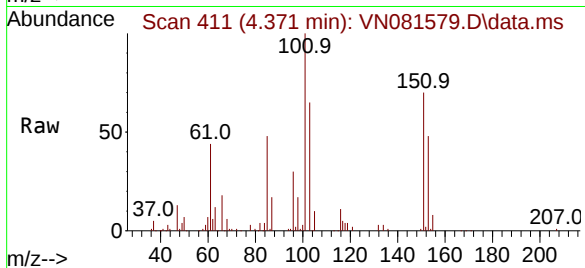
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.176 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 257284
Ion Ratio Lower Upper
101 100
85 45.7 38.1 57.1
151 73.4 49.1 73.7

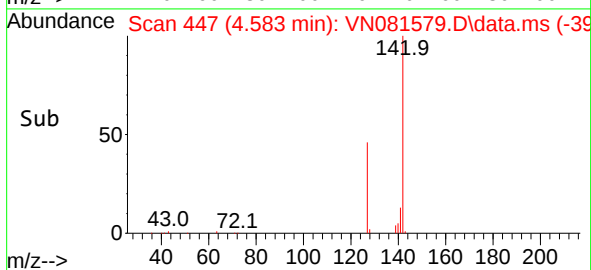
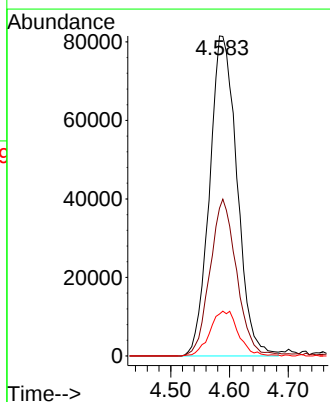
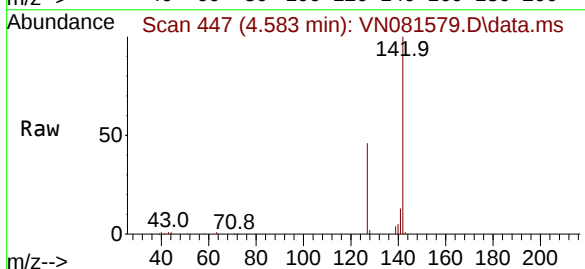
Manual Integrations
APPROVED

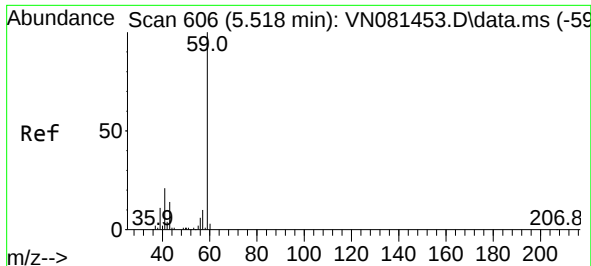
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#10
Methyl Iodide
Concen: 56.956 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

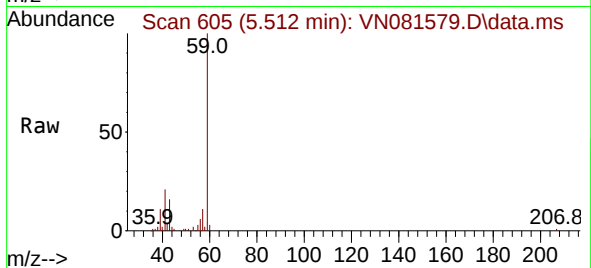
Tgt Ion:142 Resp: 264480
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 13.1 12.5 18.7





#11
Tert butyl alcohol
Concen: 286.937 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

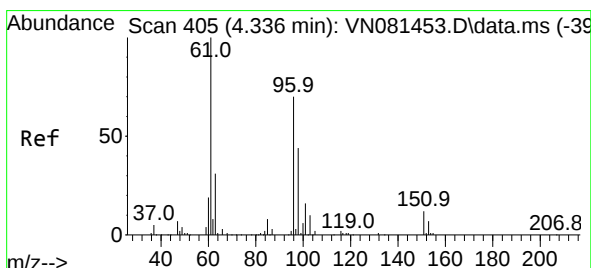
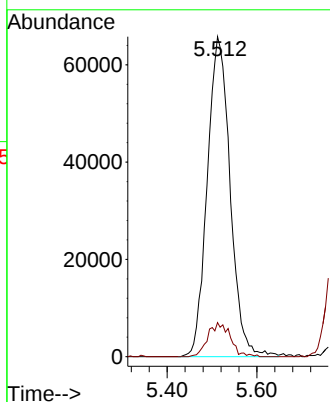
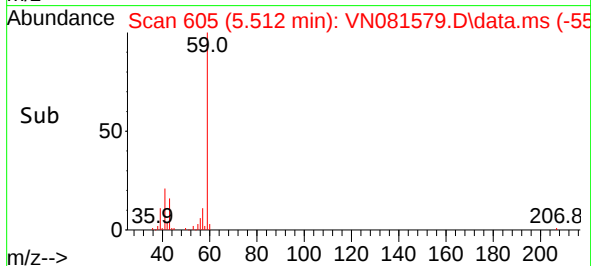
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



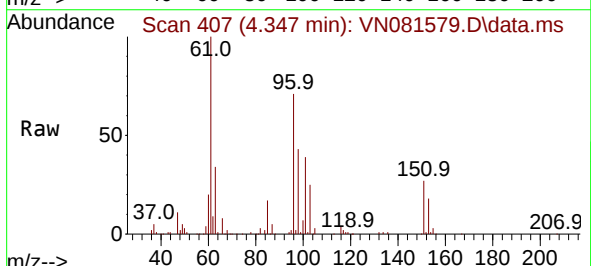
Tgt Ion: 59 Resp: 23338
Ion Ratio Lower Upper
59 100
57 10.4 8.6 12.8

Manual Integrations
APPROVED

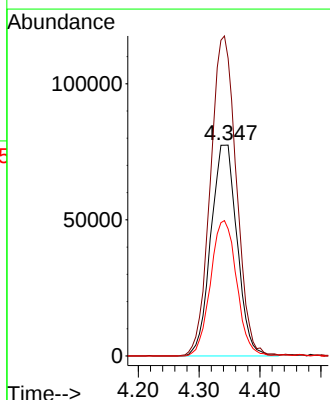
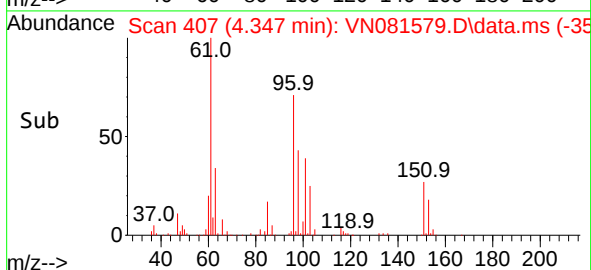
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

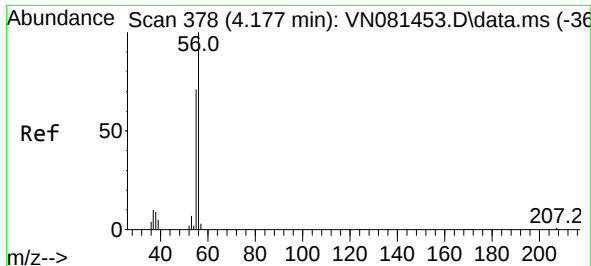


#12
1,1-Dichloroethene
Concen: 53.703 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



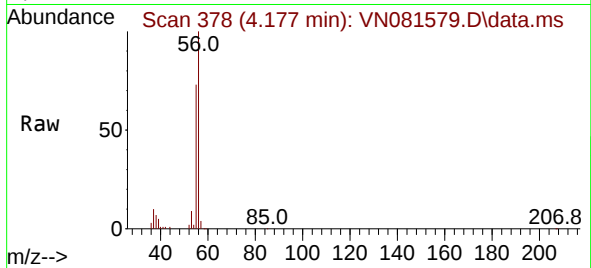
Tgt Ion: 96 Resp: 231955
Ion Ratio Lower Upper
96 100
61 141.1 138.2 207.4
98 60.2 49.2 73.8





#13
Acrolein
Concen: 290.075 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

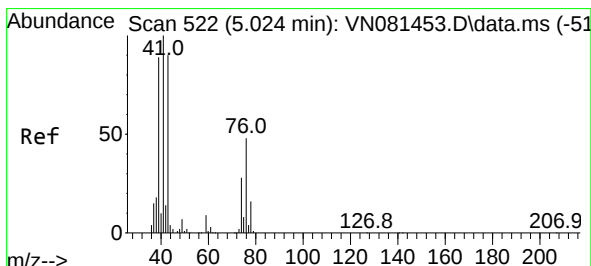
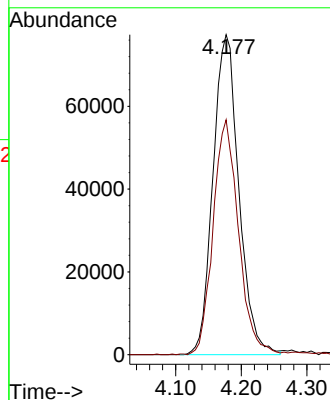
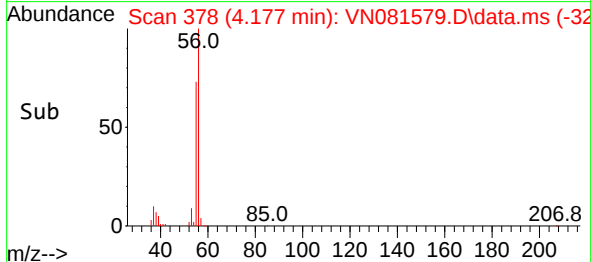
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 211709
Ion Ratio Lower Upper
56 100
55 72.3 55.3 82.9

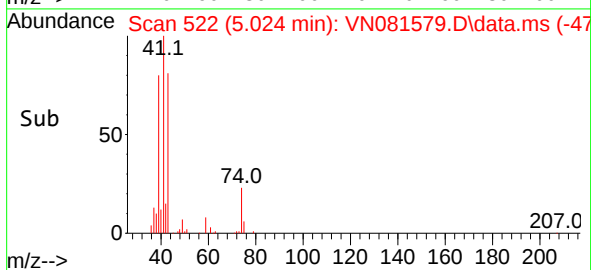
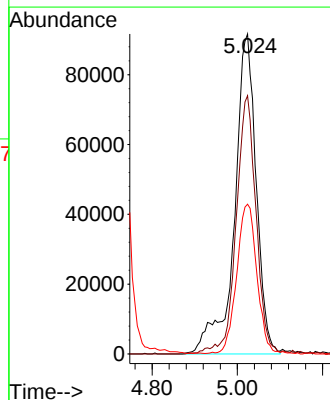
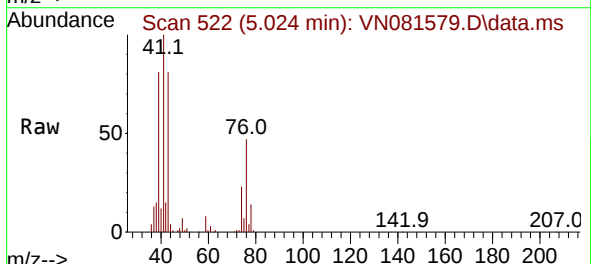
Manual Integrations
APPROVED

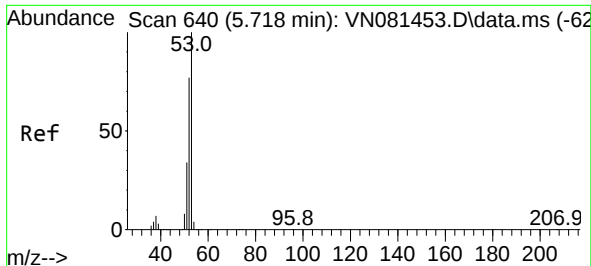
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#14
Allyl chloride
Concen: 60.127 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

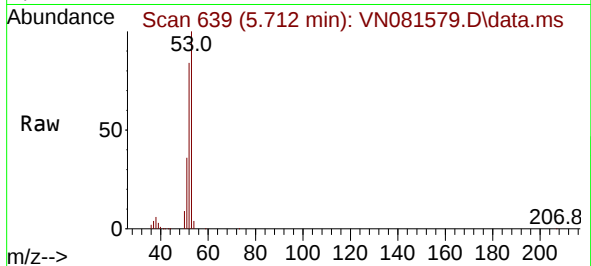
Tgt Ion: 41 Resp: 325421
Ion Ratio Lower Upper
41 100
39 73.5 57.7 86.5
76 43.7 26.8 40.2#





#15
Acrylonitrile
Concen: 253.468 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

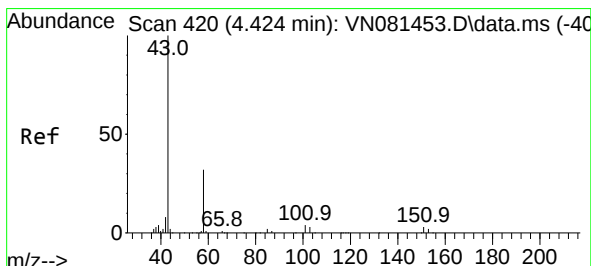
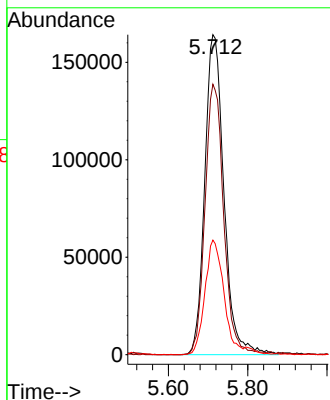
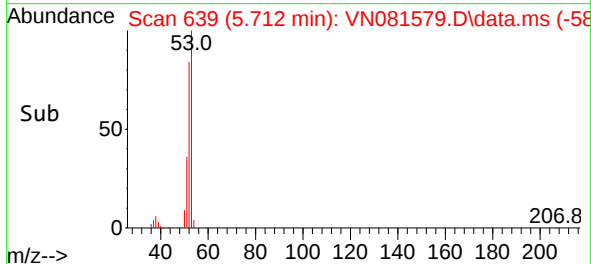
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 551528
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 35.3 26.9 40.3

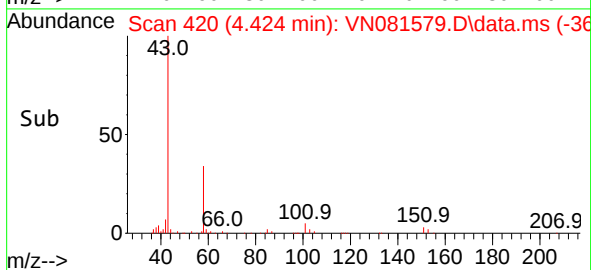
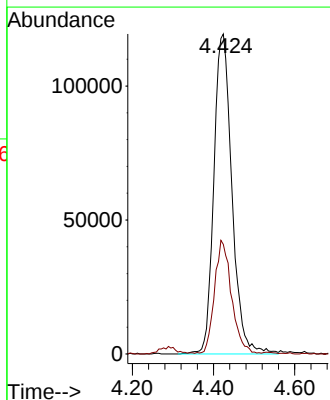
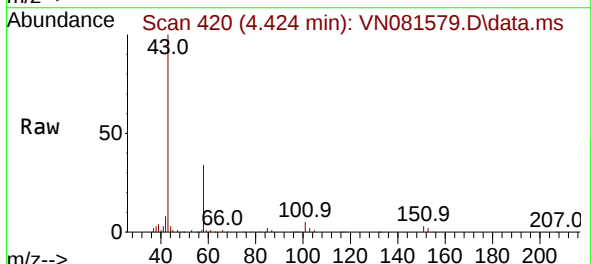
Manual Integrations
APPROVED

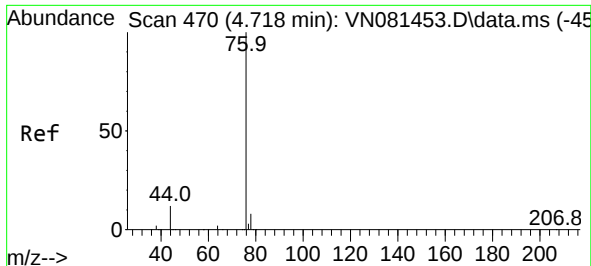
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#16
Acetone
Concen: 245.078 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

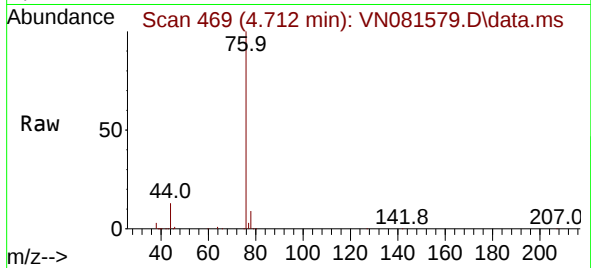
Tgt Ion: 43 Resp: 369662
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2





#17
Carbon Disulfide
Concen: 47.638 ug/l
RT: 4.712 min Scan# 470
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

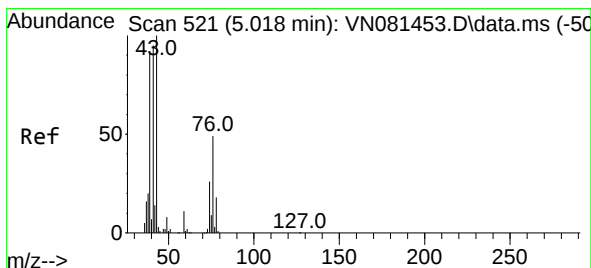
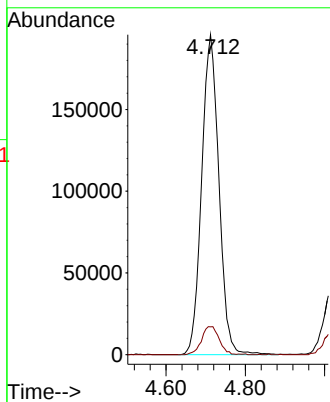
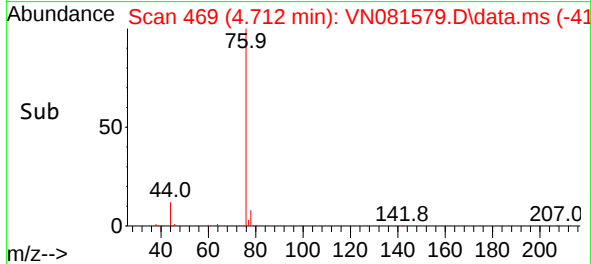
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 590458
Ion Ratio Lower Upper
76 100
78 8.7 6.3 9.5

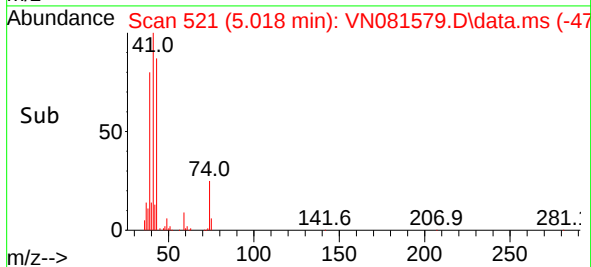
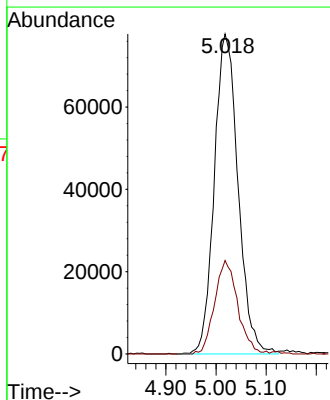
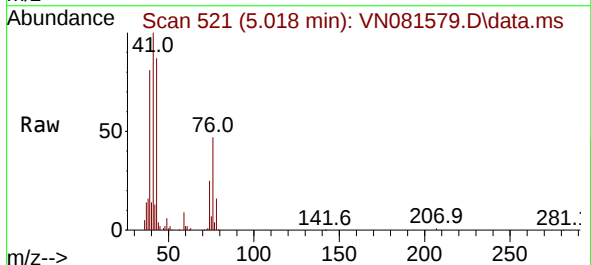
Manual Integrations
APPROVED

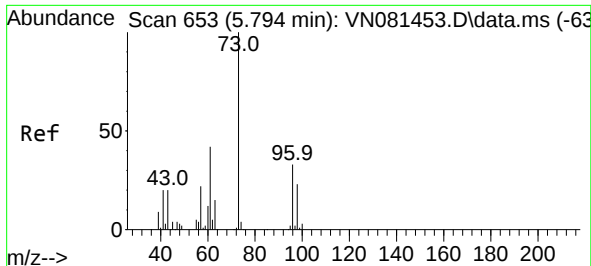
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#18
Methyl Acetate
Concen: 54.988 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion: 43 Resp: 255705
Ion Ratio Lower Upper
43 100
74 28.3 17.3 25.9#





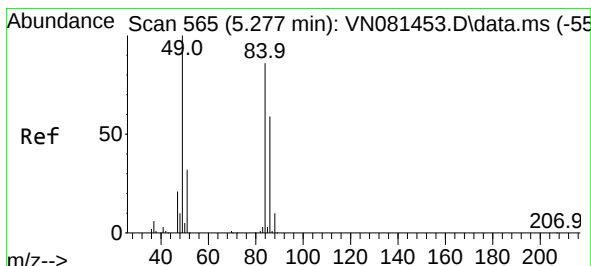
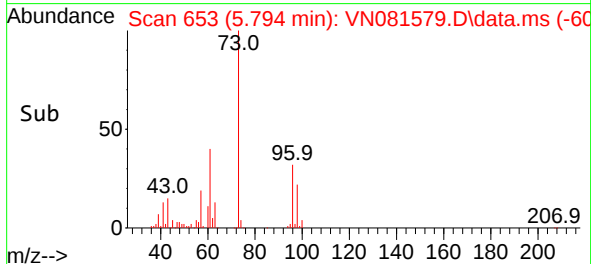
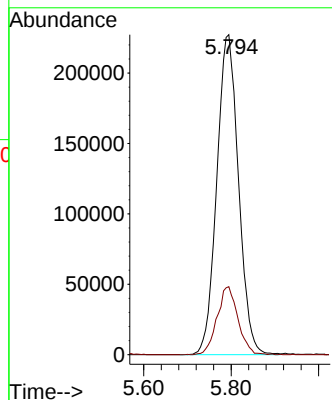
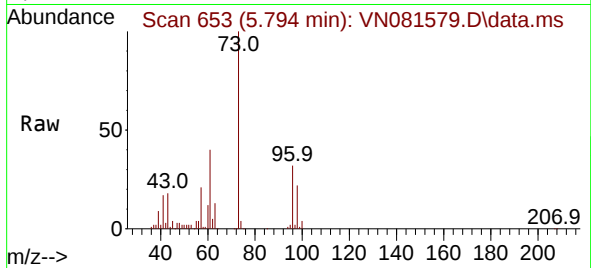
#19
Methyl tert-butyl Ether
Concen: 57.854 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 782036
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.4

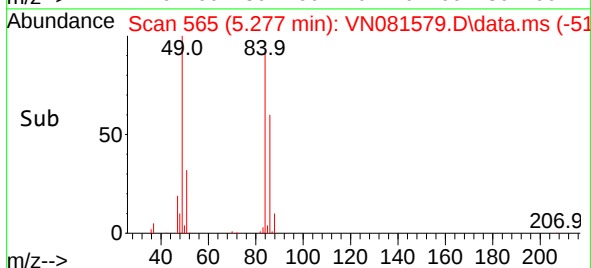
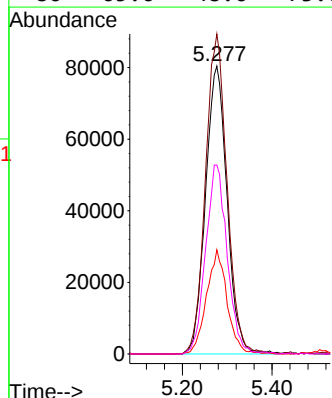
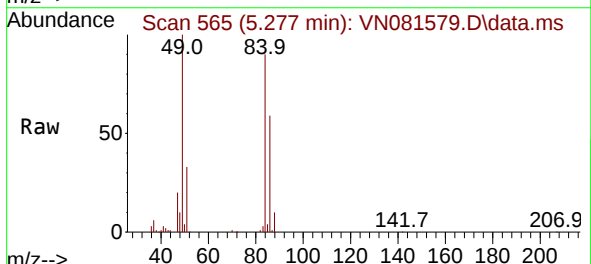
Manual Integrations
APPROVED

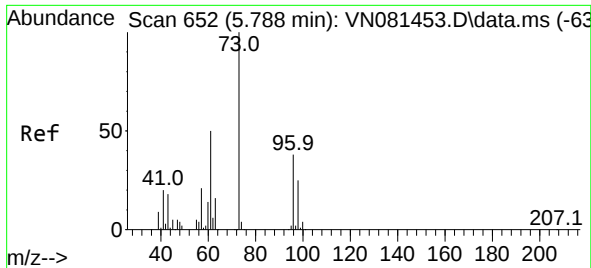
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#20
Methylene Chloride
Concen: 54.424 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

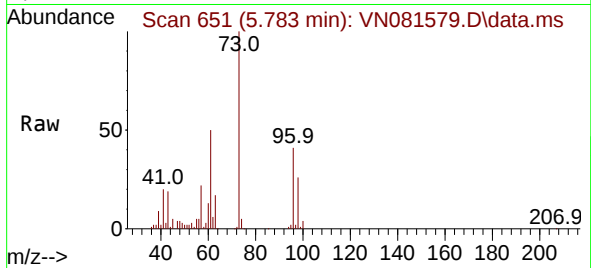
Tgt Ion: 84 Resp: 268900
Ion Ratio Lower Upper
84 100
49 111.1 108.1 162.1
51 36.2 32.9 49.3
86 65.6 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 54.842 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

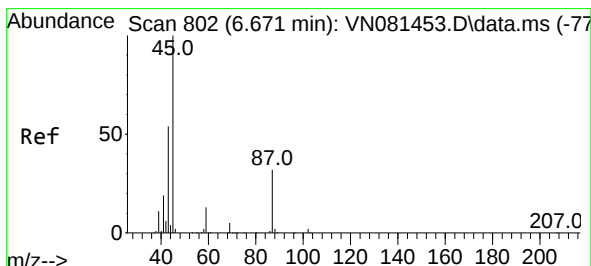
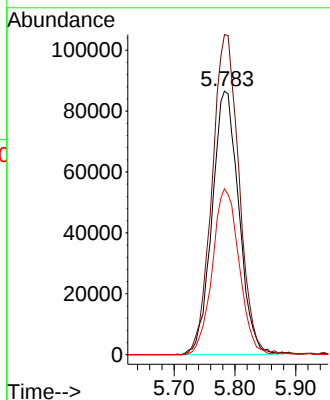
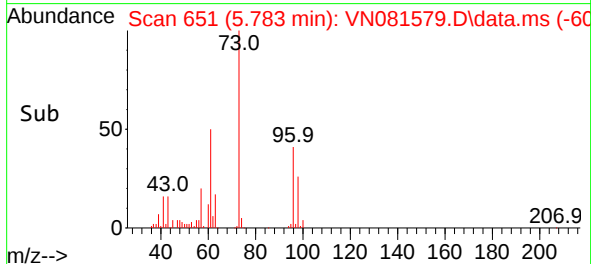
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 264109
Ion Ratio Lower Upper
96 100
61 121.2 112.8 169.2
98 63.0 51.0 76.4

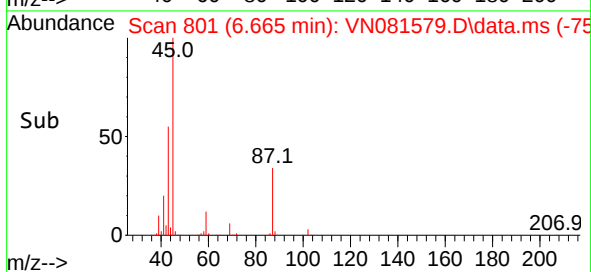
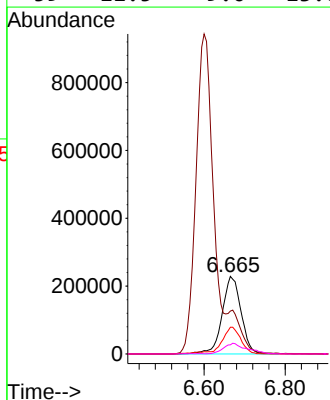
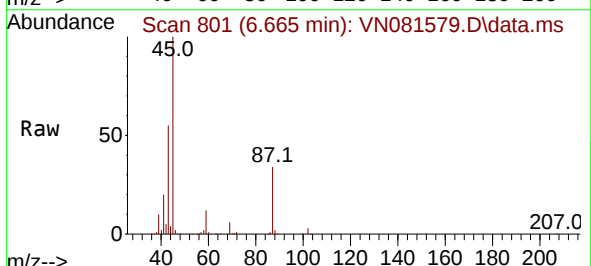
Manual Integrations
APPROVED

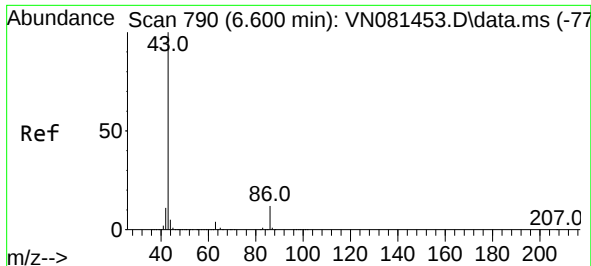
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#22
Diisopropyl ether
Concen: 58.790 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

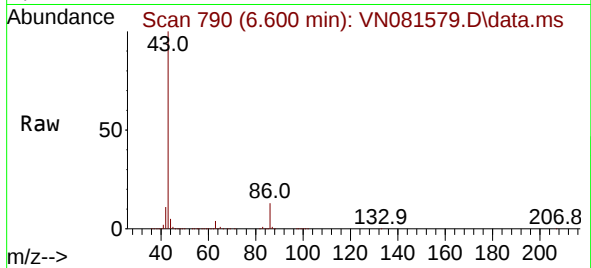
Tgt Ion: 45 Resp: 739310
Ion Ratio Lower Upper
45 100
43 54.3 41.8 62.8
87 34.3 18.1 27.1#
59 11.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 276.672 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

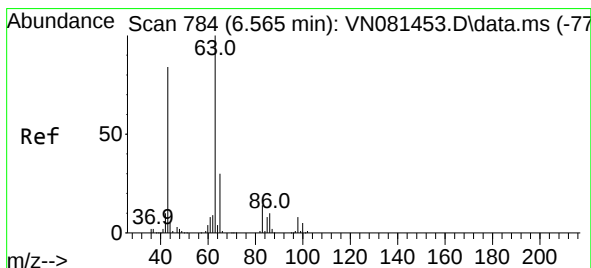
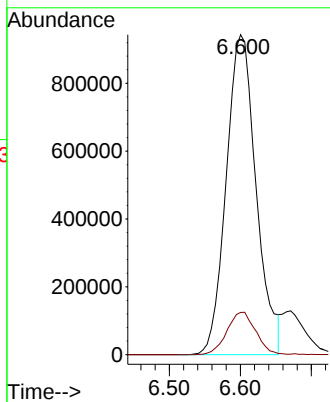
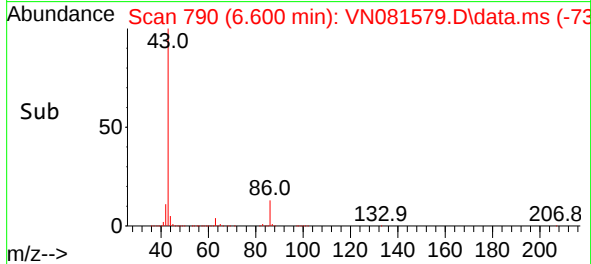
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



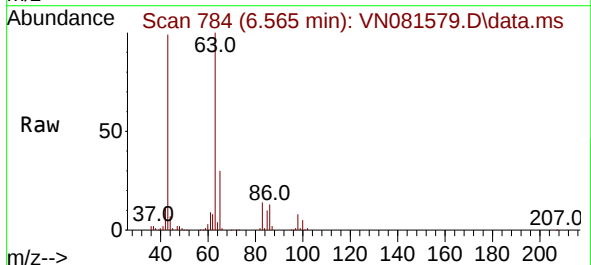
Tgt Ion: 43 Resp: 2769424
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7

Manual Integrations
 APPROVED

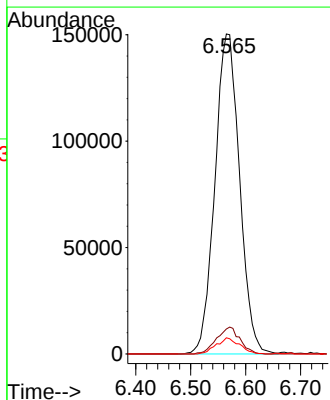
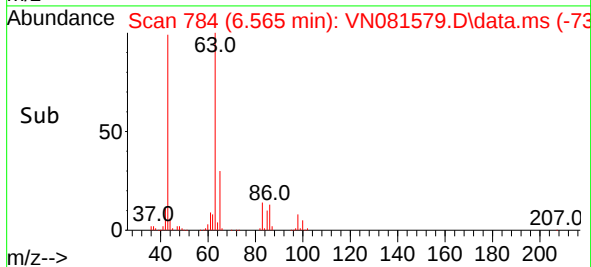
Reviewed By :John Carlone 03/27/2024
 Supervised By :Mahesh Dadoda 03/27/2024

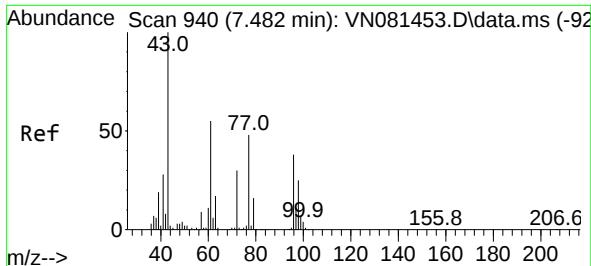


#24
 1,1-Dichloroethane
 Concen: 55.640 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11



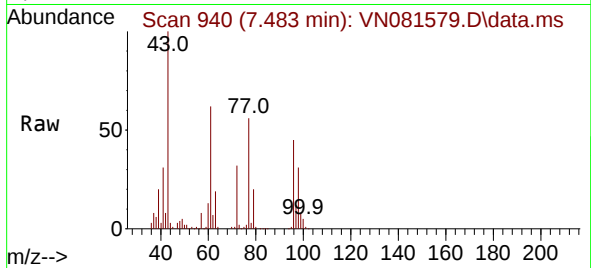
Tgt Ion: 63 Resp: 468647
 Ion Ratio Lower Upper
 63 100
 98 7.8 2.9 8.6
 100 5.0 1.9 5.7





#25
2-Butanone
Concen: 248.033 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

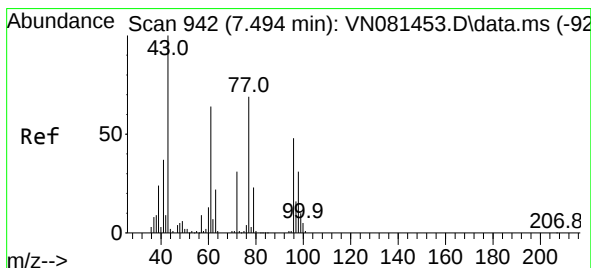
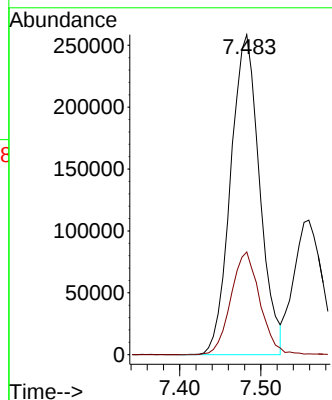
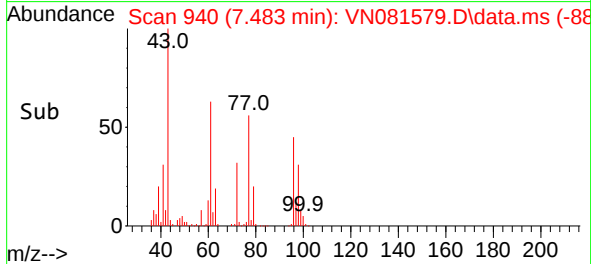
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



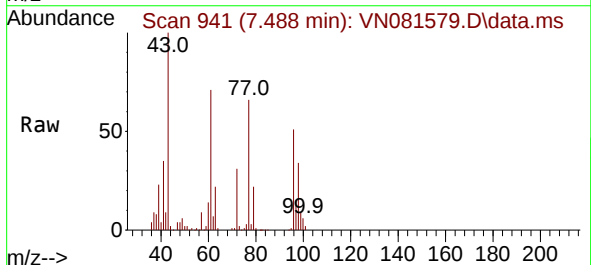
Tgt Ion: 43 Resp: 64169
Ion Ratio Lower Upper
43 100
72 32.1 19.5 29.3

Manual Integrations
APPROVED

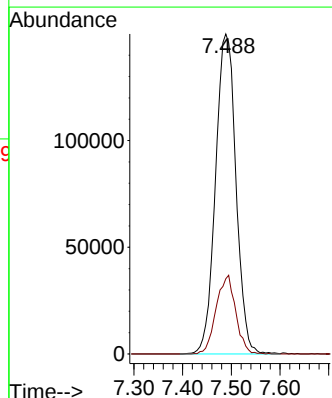
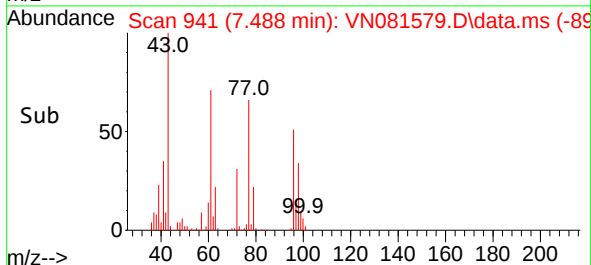
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

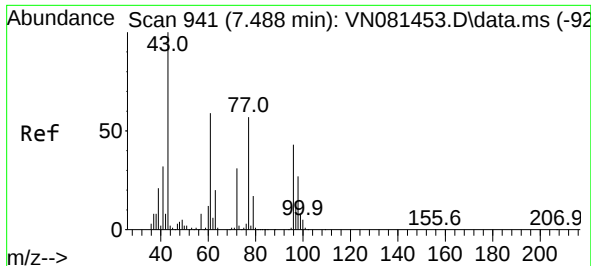


#26
2,2-Dichloropropane
Concen: 59.937 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



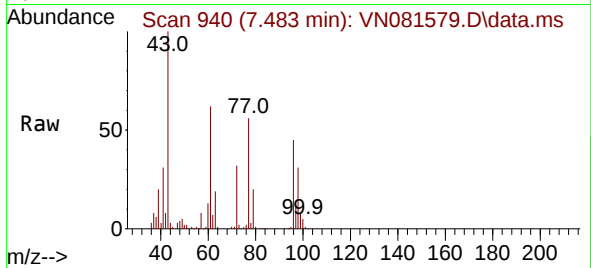
Tgt Ion: 77 Resp: 437859
Ion Ratio Lower Upper
77 100
97 23.5 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 57.119 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

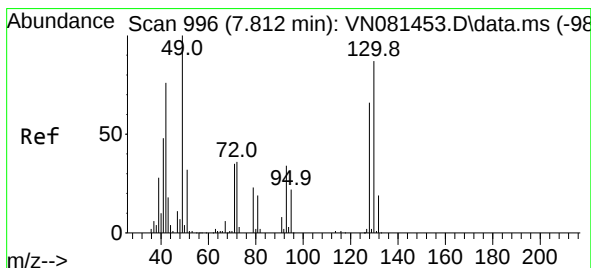
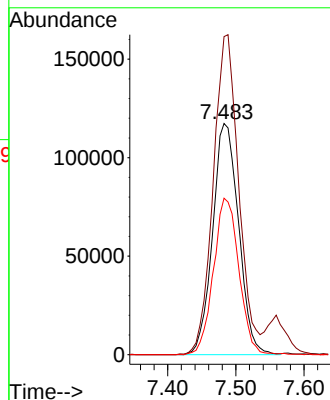
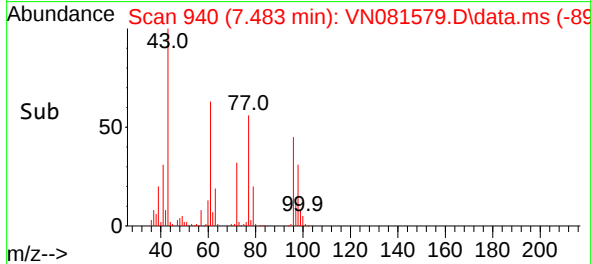
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 311235
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 325.4
 98 66.5 0.0 130.4

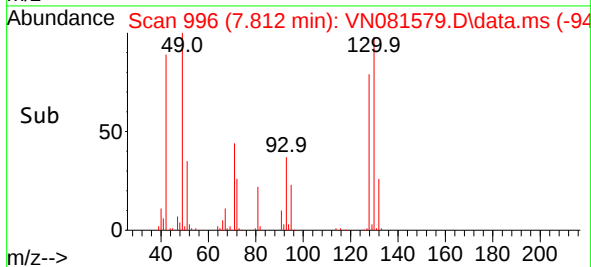
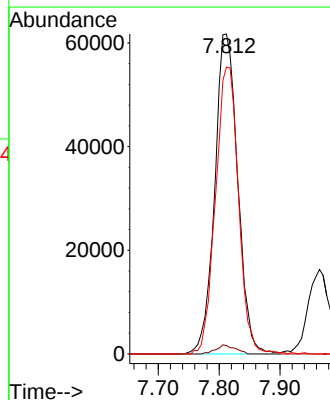
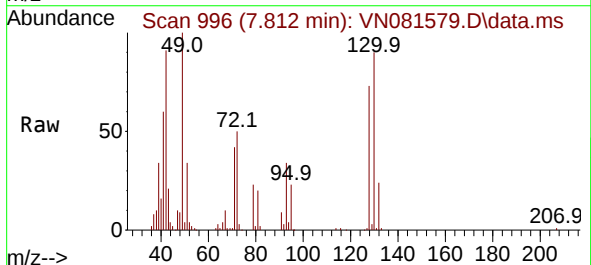
Manual Integrations
 APPROVED

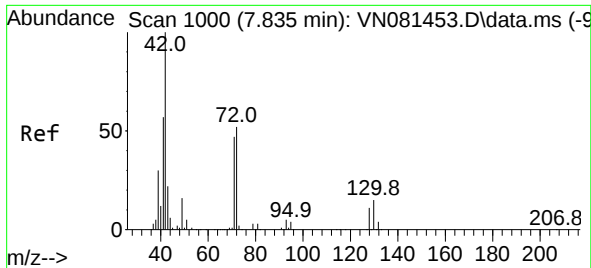
Reviewed By :John Carlone 03/27/2024
 Supervised By :Mahesh Dadoda 03/27/2024



#28
 Bromochloromethane
 Concen: 47.176 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

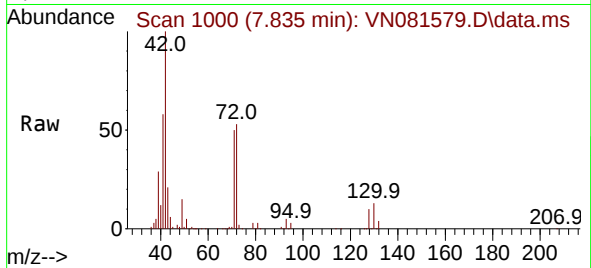
Tgt Ion: 49 Resp: 161845
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 1.6#
 130 89.6 42.3 63.5#





#29
Tetrahydrofuran
Concen: 249.981 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

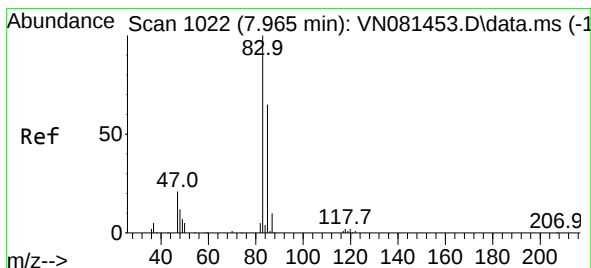
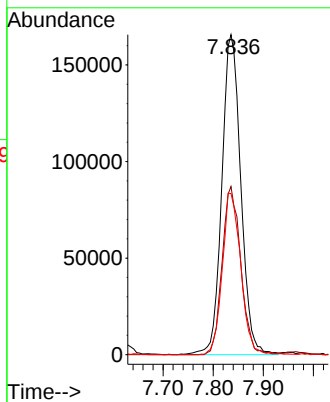
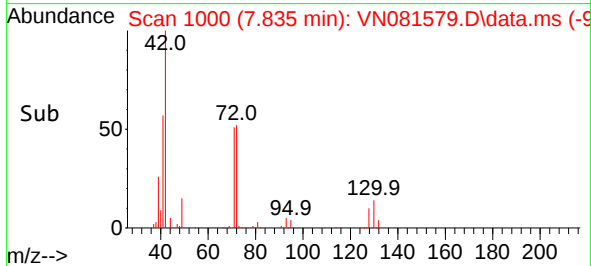
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



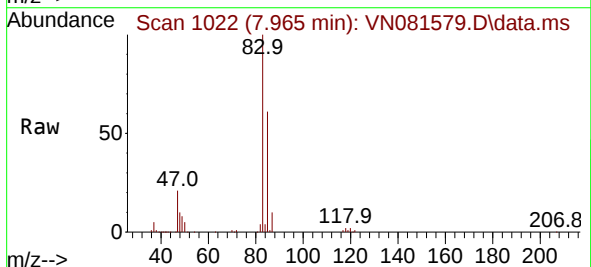
Tgt Ion: 42 Resp: 43568
Ion Ratio Lower Upper
42 100
72 51.4 31.1 46.7
71 49.3 28.3 42.5

Manual Integrations
APPROVED

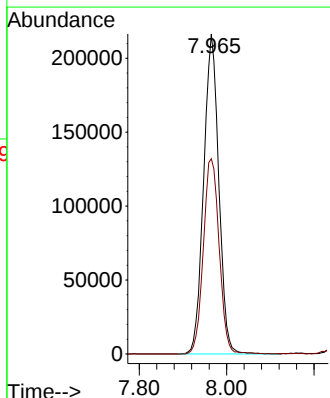
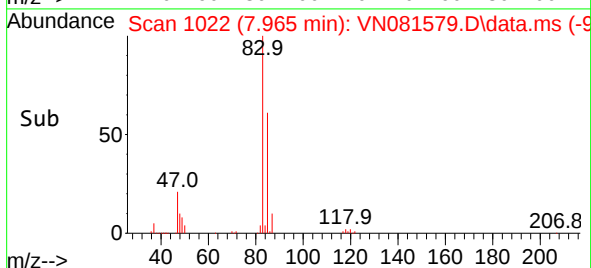
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

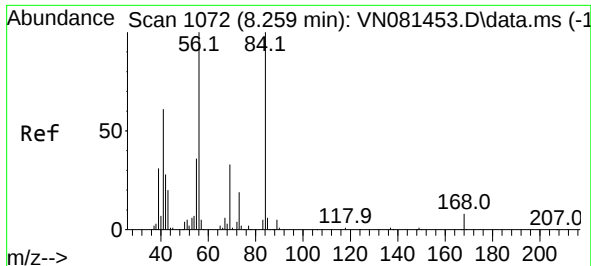


#30
Chloroform
Concen: 57.918 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



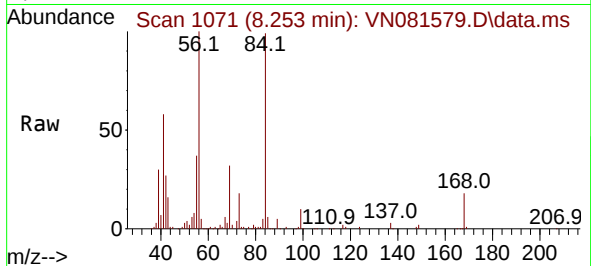
Tgt Ion: 83 Resp: 522236
Ion Ratio Lower Upper
83 100
85 61.0 51.0 76.6





#31
Cyclohexane
Concen: 48.834 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

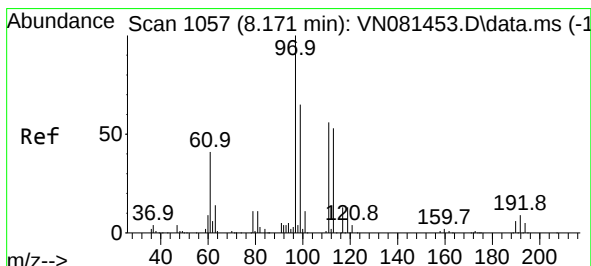
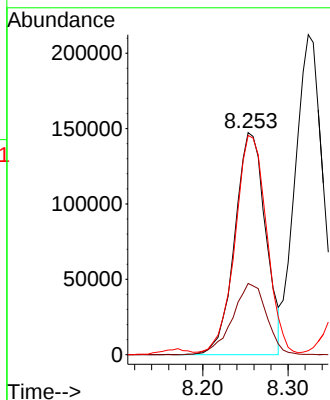
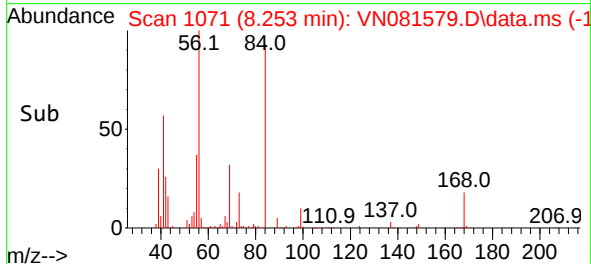
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 370889
Ion Ratio Lower Upper
56 100
69 32.1 20.1 30.1
84 96.0 56.9 85.3

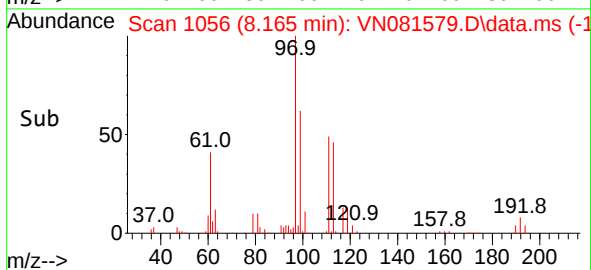
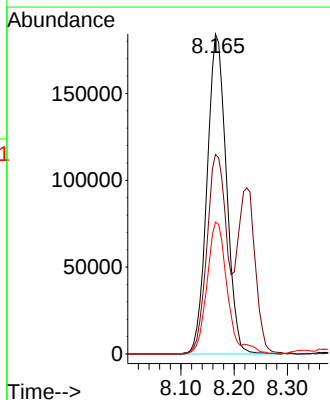
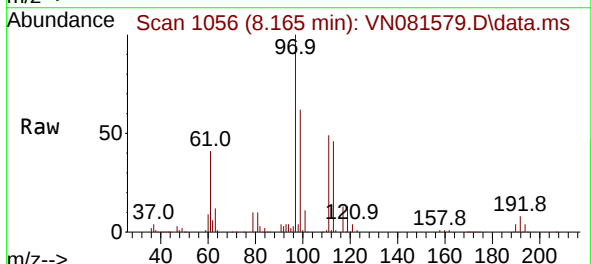
Manual Integrations
APPROVED

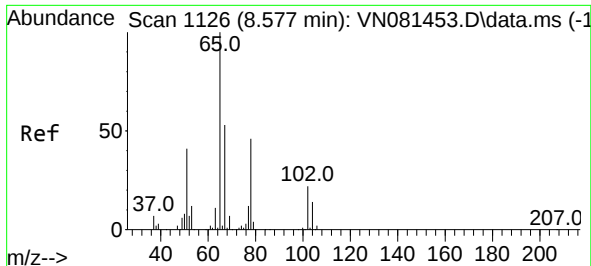
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#32
1,1,1-Trichloroethane
Concen: 56.760 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion: 97 Resp: 464329
Ion Ratio Lower Upper
97 100
99 62.6 53.4 80.0
61 43.5 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 49.261 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 229914

Ion Ratio Lower Upper

65 100

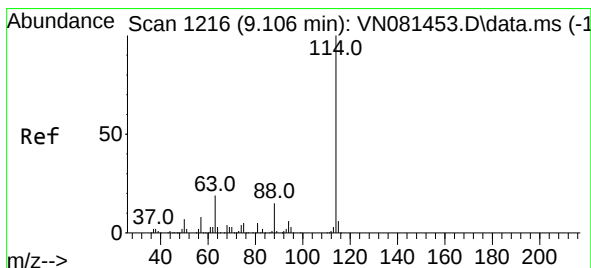
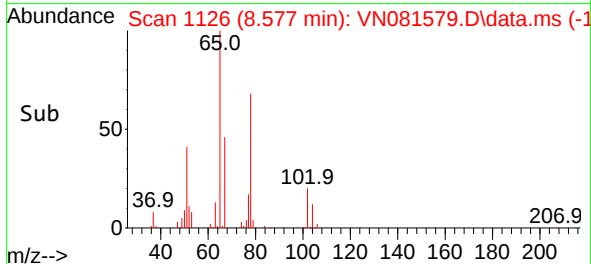
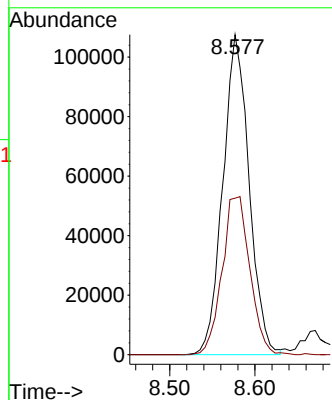
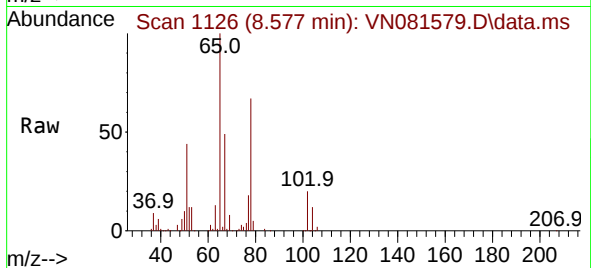
67 52.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2024

Supervised By :Mahesh Dadoda 03/27/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

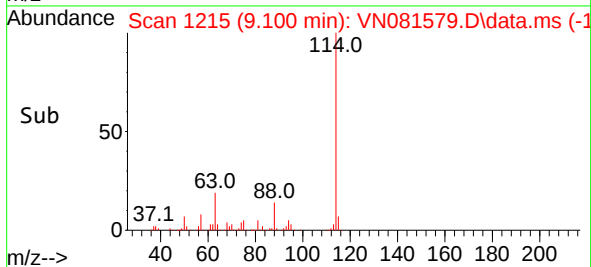
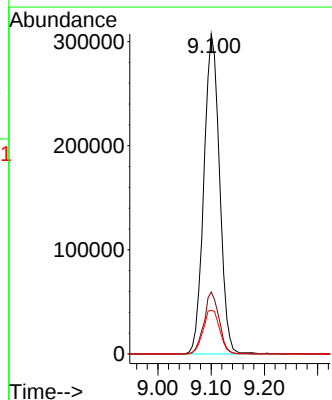
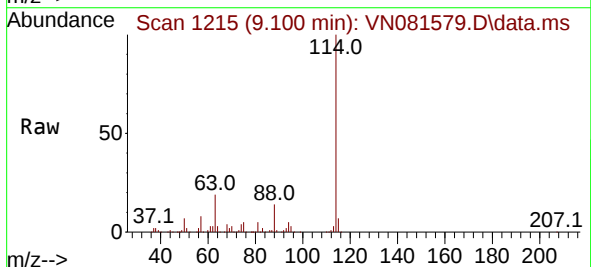
Tgt Ion:114 Resp: 627521

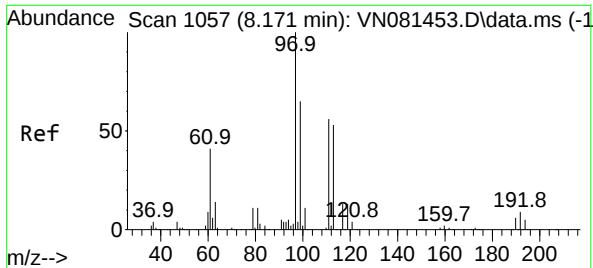
Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 13.6 0.0 34.8





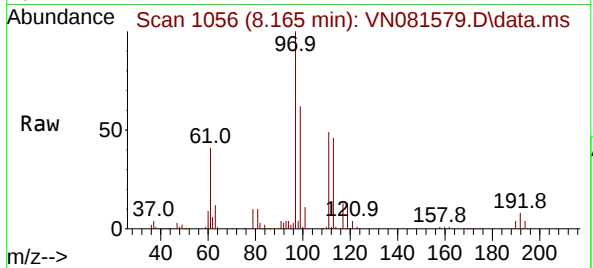
#35
Dibromofluoromethane
Concen: 52.528 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



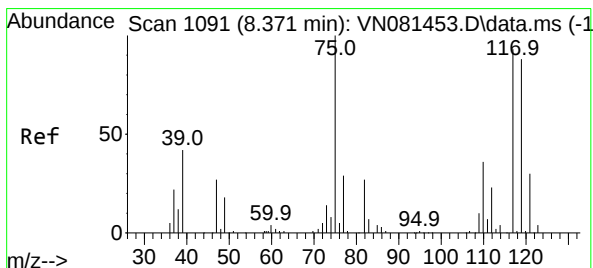
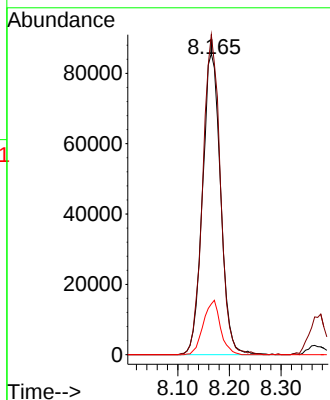
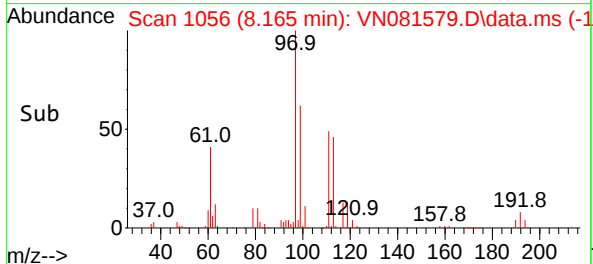
Tgt Ion:113 Resp: 208020
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.0 12.5 18.7

Manual Integrations

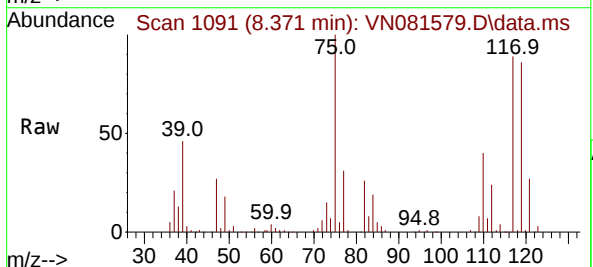
APPROVED

Reviewed By :John Carlone 03/27/2024

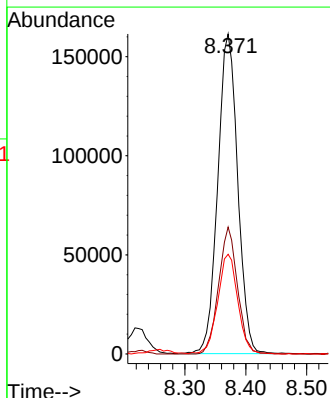
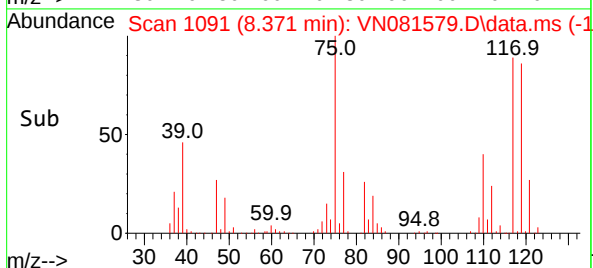
Supervised By :Mahesh Dadoda 03/27/2024

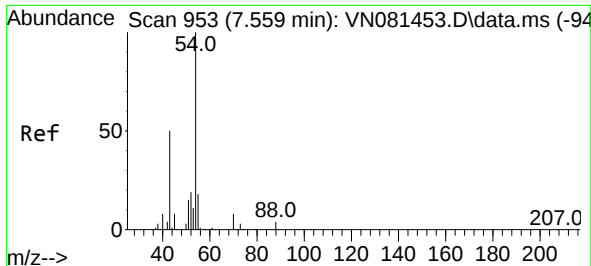


#36
1,1-Dichloropropene
Concen: 55.100 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



Tgt Ion: 75 Resp: 367227
Ion Ratio Lower Upper
75 100
110 37.6 16.0 48.0
77 31.4 25.8 38.6





#37

Ethyl Acetate

Concen: 48.969 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081579.D

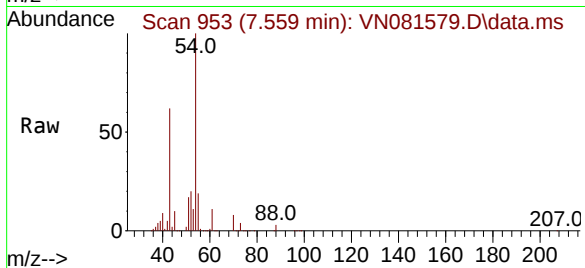
Acq: 26 Mar 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



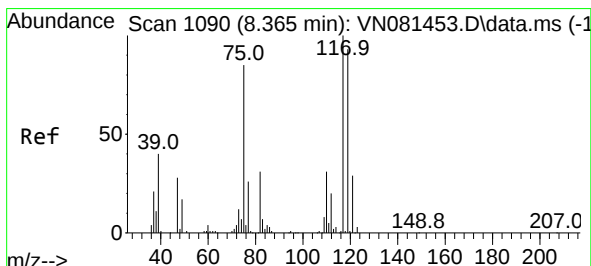
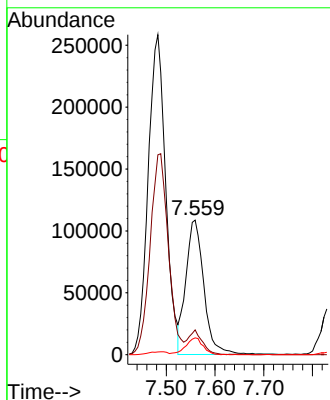
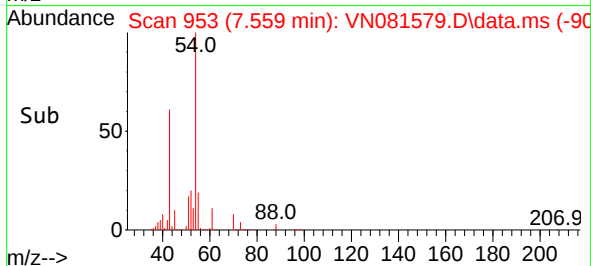
Tgt Ion:	43	Resp:	279464
Ion Ratio	Lower	Upper	
43	100		
61	14.5	10.6	15.8
70	11.8	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2024

Supervised By :Mahesh Dadoda 03/27/2024



#38

Carbon Tetrachloride

Concen: 56.133 ug/l

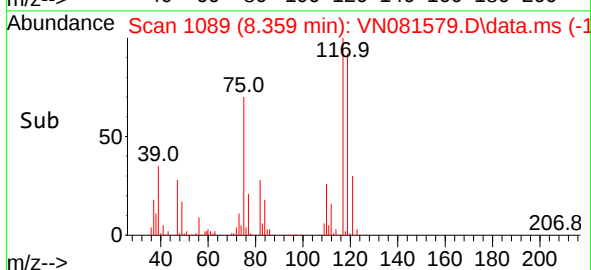
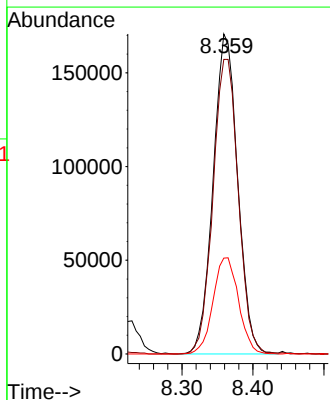
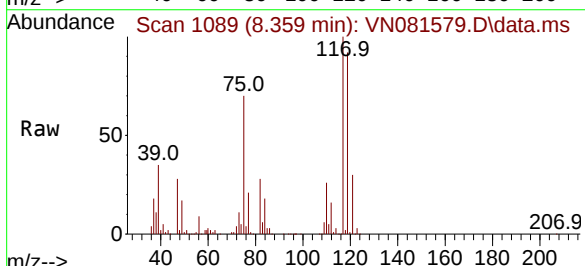
RT: 8.359 min Scan# 1089

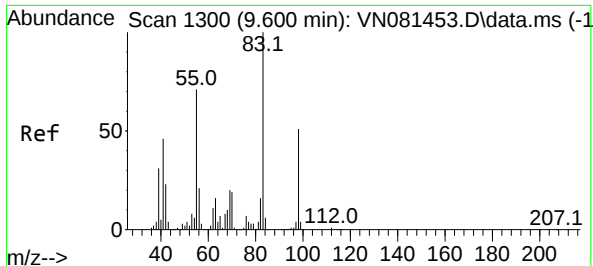
Delta R.T. -0.006 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

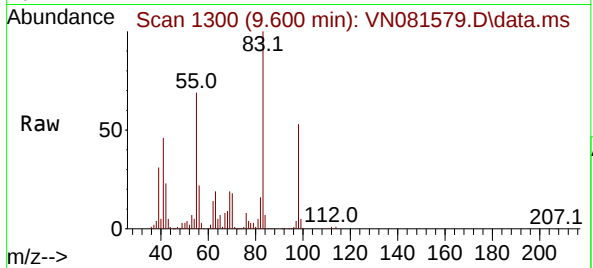
Tgt Ion:	117	Resp:	409820
Ion Ratio	Lower	Upper	
117	100		
119	92.1	73.4	110.2
121	30.0	24.4	36.6





#39
Methylcyclohexane
Concen: 56.550 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

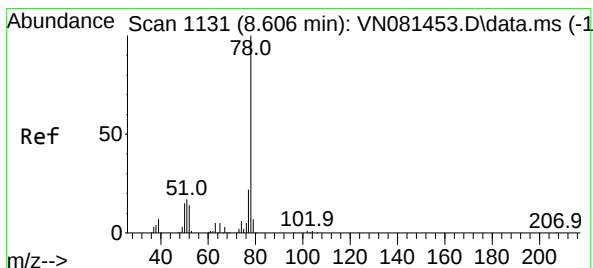
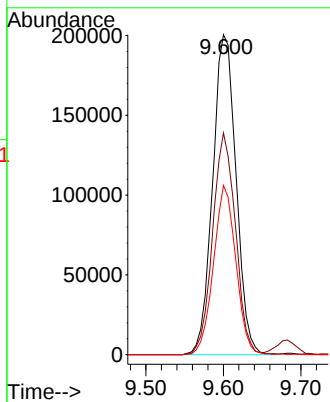
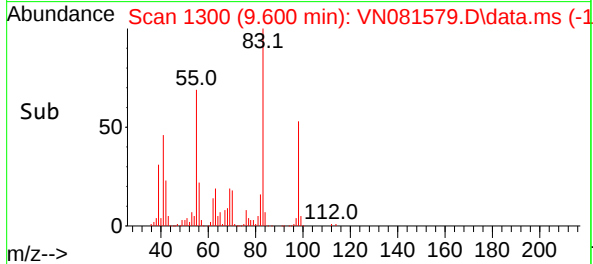
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 420885
Ion Ratio Lower Upper
83 100
55 69.3 65.7 98.5
98 52.9 33.8 50.6

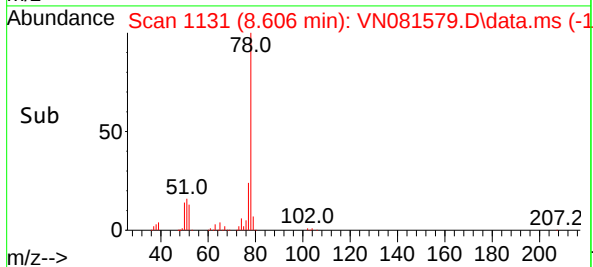
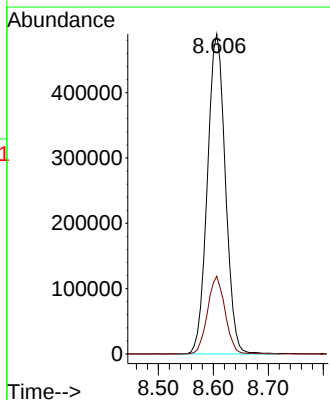
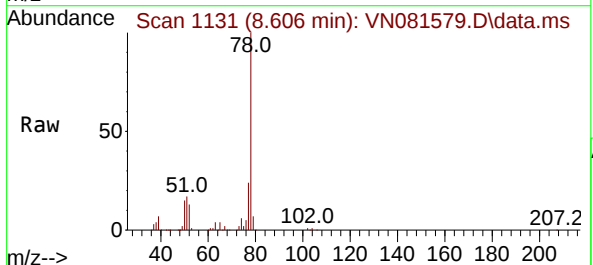
Manual Integrations
APPROVED

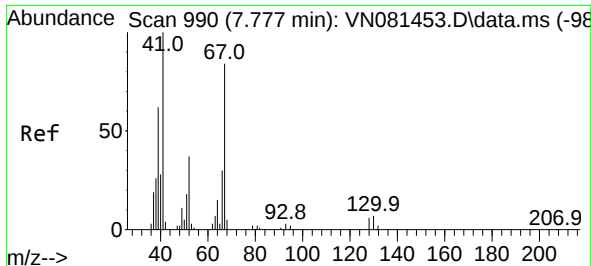
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#40
Benzene
Concen: 57.105 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

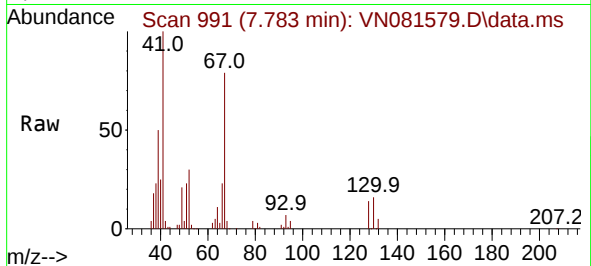
Tgt Ion: 78 Resp: 1112681
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6





#41
Methacrylonitrile
Concen: 51.377 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

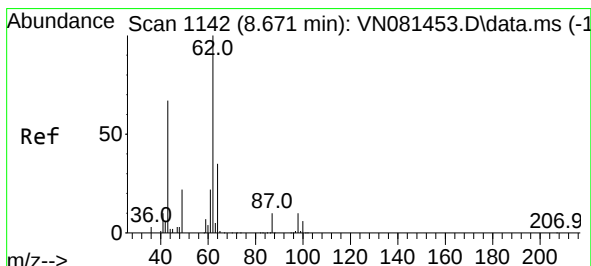
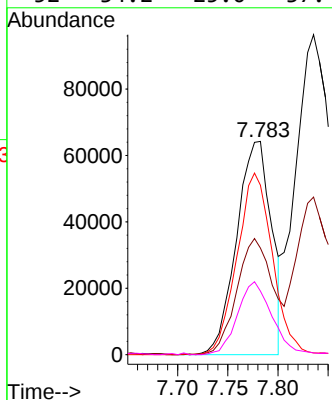
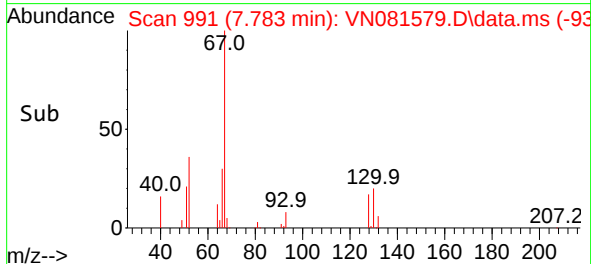
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 155060
Ion Ratio Lower Upper
41 100
39 57.3 48.4 72.6
67 87.1 56.8 85.2
52 34.2 25.0 37.4

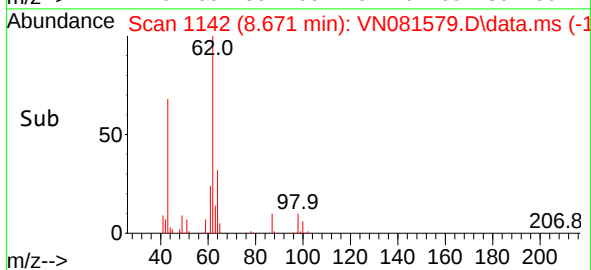
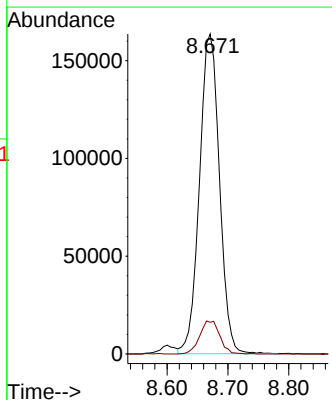
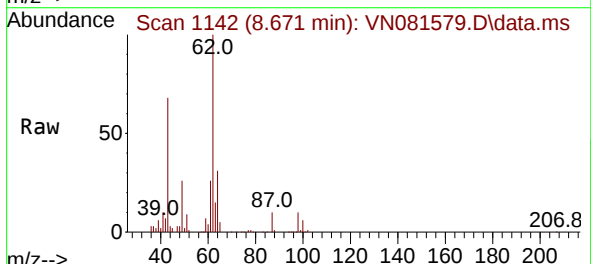
Manual Integrations
APPROVED

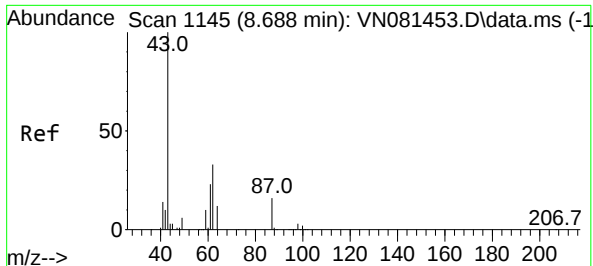
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#42
1,2-Dichloroethane
Concen: 54.356 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

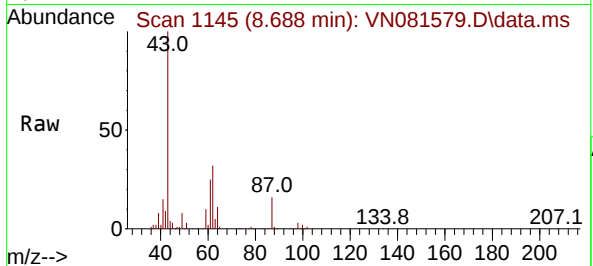
Tgt Ion: 62 Resp: 372723
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 51.794 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

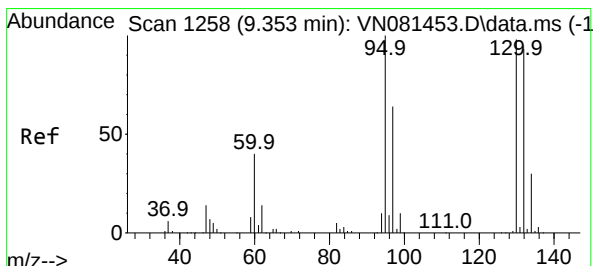
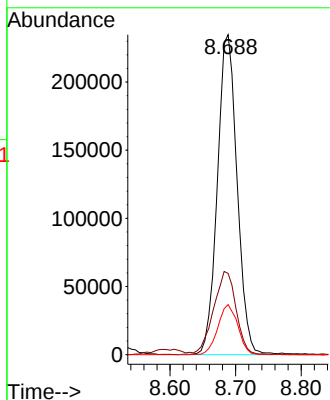
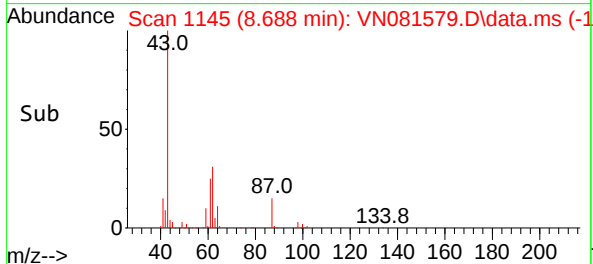
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 48996
Ion Ratio Lower Upper
43 100
61 29.7 19.9 29.9
87 15.8 9.0 13.6

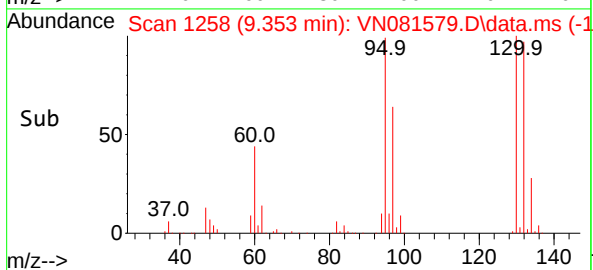
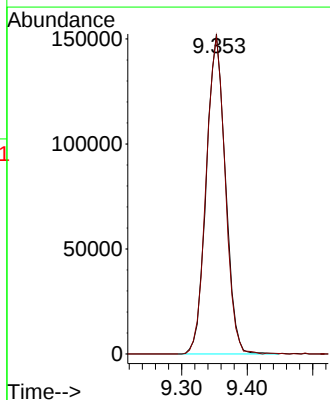
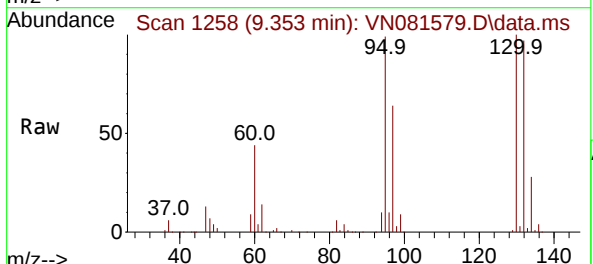
Manual Integrations
APPROVED

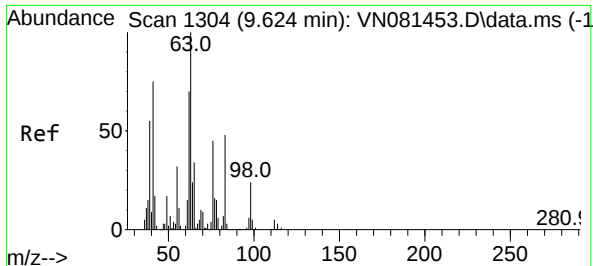
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#44
Trichloroethene
Concen: 56.087 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion:130 Resp: 307366
Ion Ratio Lower Upper
130 100
95 99.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 58.041 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 27408

Ion Ratio Lower Upper

63 100

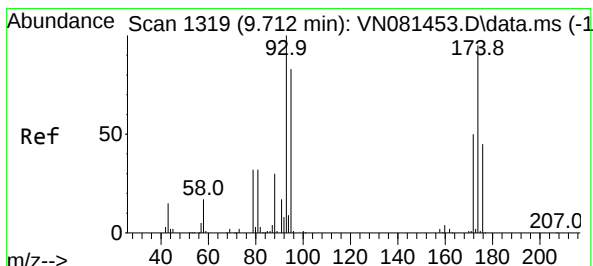
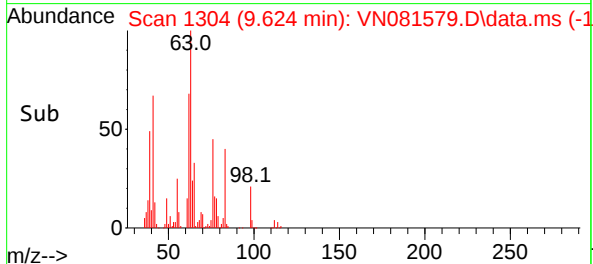
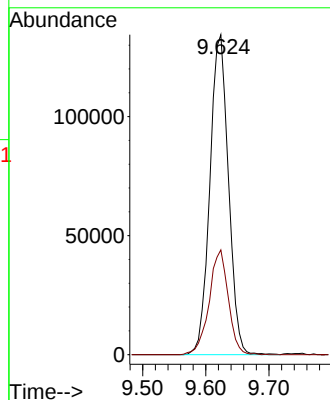
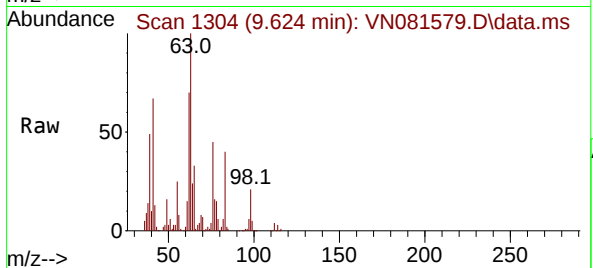
65 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2024

Supervised By :Mahesh Dadoda 03/27/2024



#46

Dibromomethane

Concen: 55.987 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

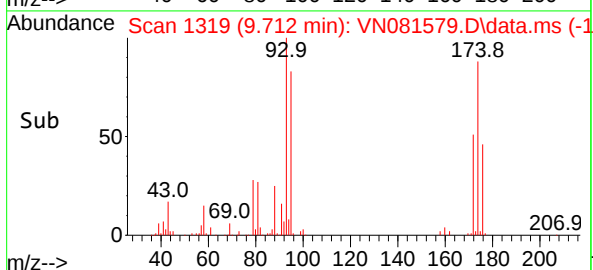
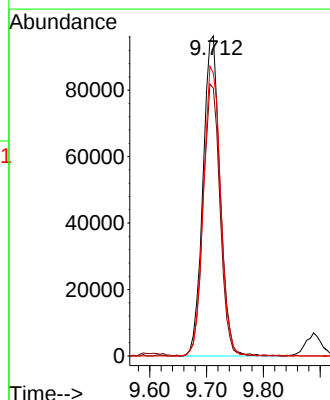
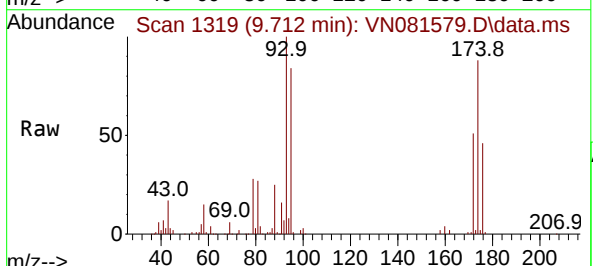
Tgt Ion: 93 Resp: 200779

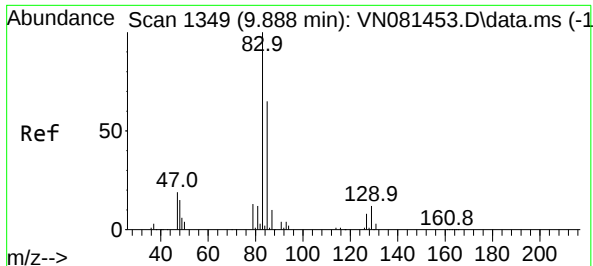
Ion Ratio Lower Upper

93 100

95 83.7 68.1 102.1

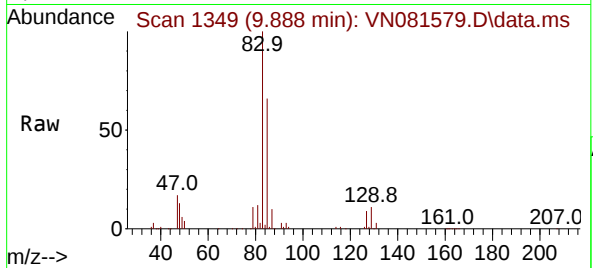
174 90.9 57.2 85.8





#47
Bromodichloromethane
Concen: 58.525 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

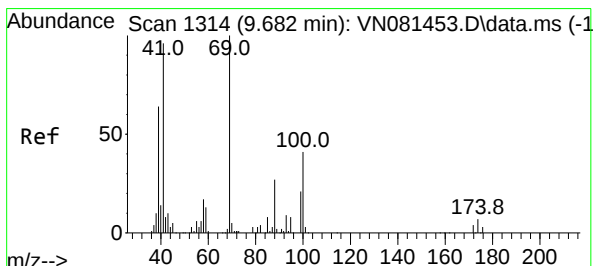
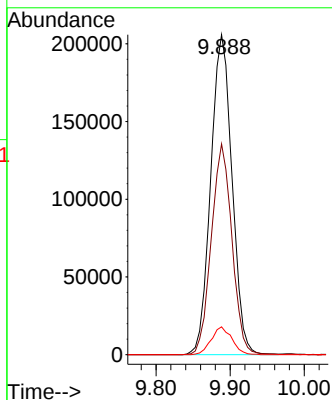
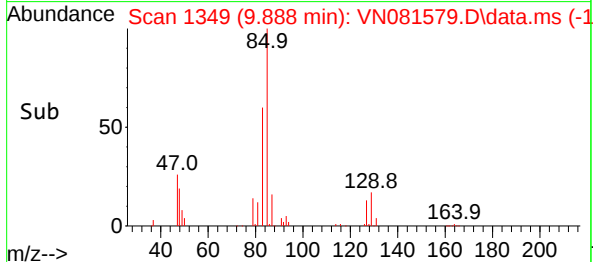
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



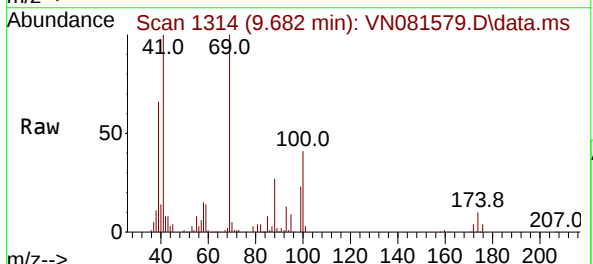
Tgt Ion: 83 Resp: 410349
Ion Ratio Lower Upper
83 100
85 65.8 52.3 78.5
127 8.7 4.6 7.0

Manual Integrations
APPROVED

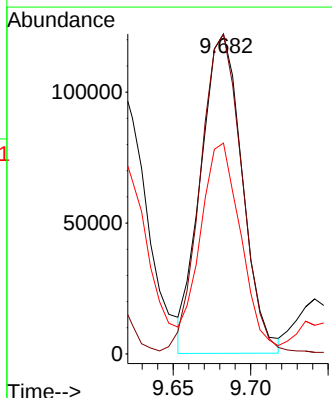
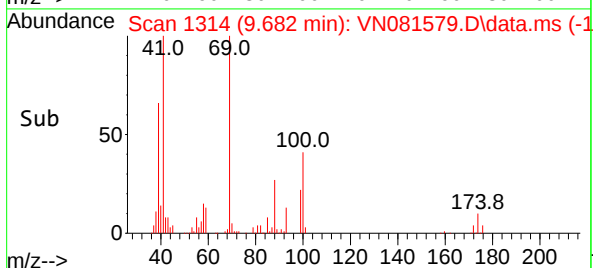
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

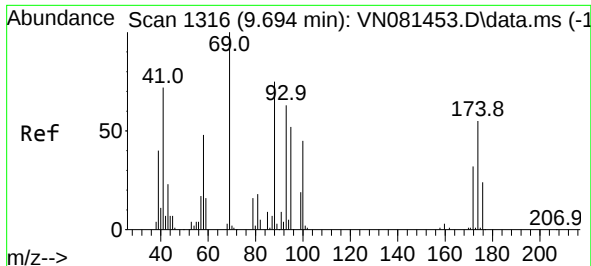


#48
Methyl methacrylate
Concen: 52.010 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



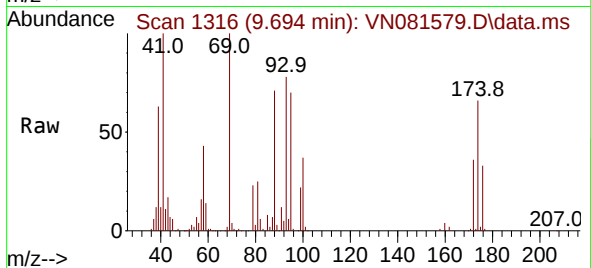
Tgt Ion: 41 Resp: 226934
Ion Ratio Lower Upper
41 100
69 101.6 62.2 93.2#
39 65.0 47.6 71.4





#49
1,4-Dioxane
Concen: 1001.993 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

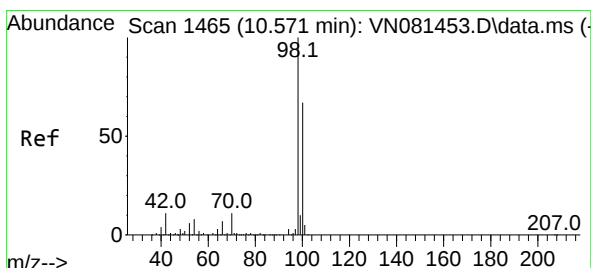
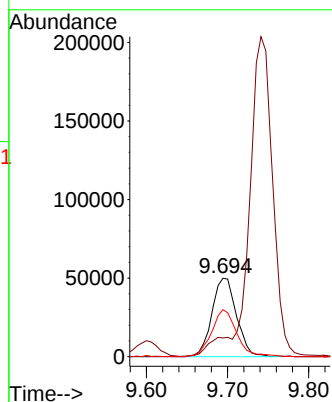
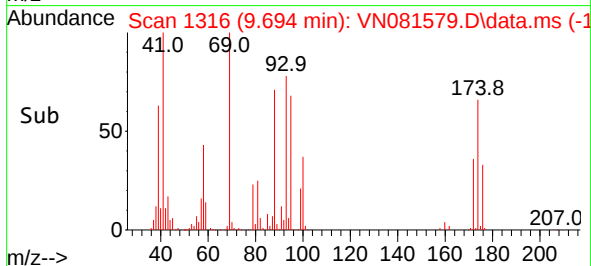
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 105060
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 61.3 63.9 95.9

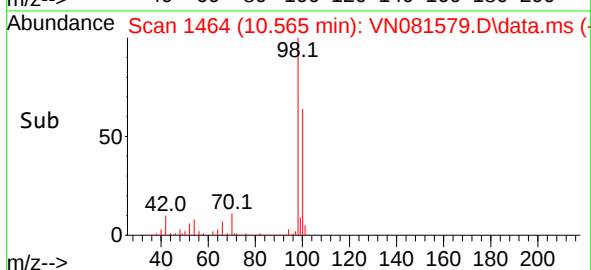
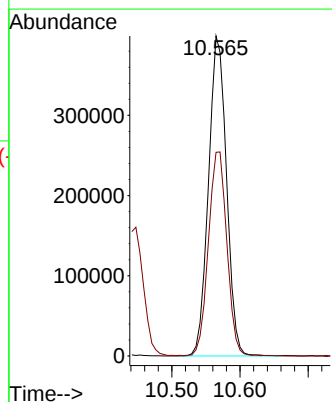
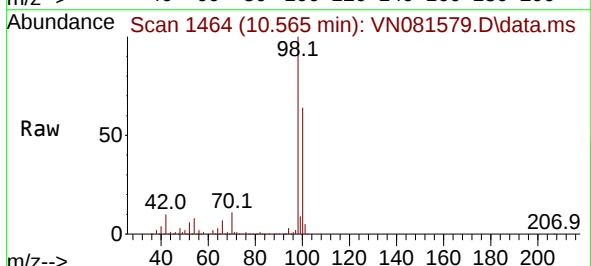
Manual Integrations
APPROVED

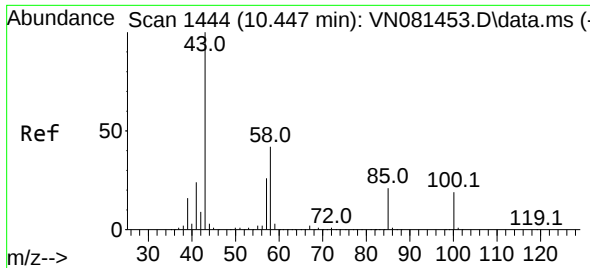
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#50
Toluene-d8
Concen: 51.298 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

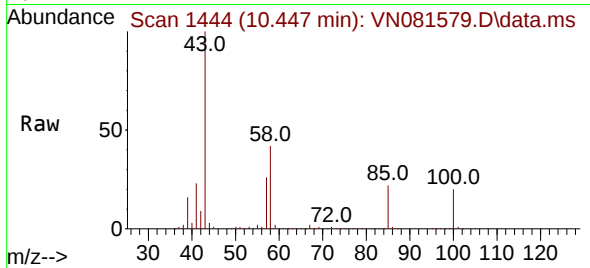
Tgt Ion: 98 Resp: 734376
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 254.396 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

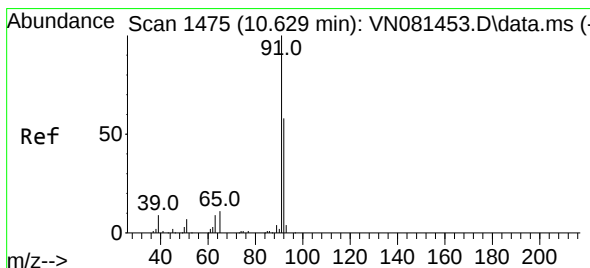
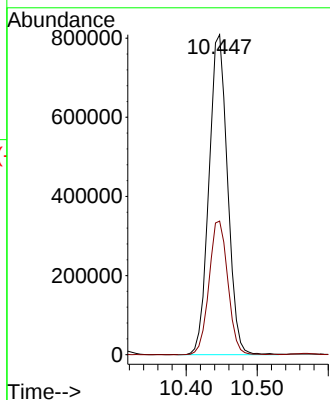
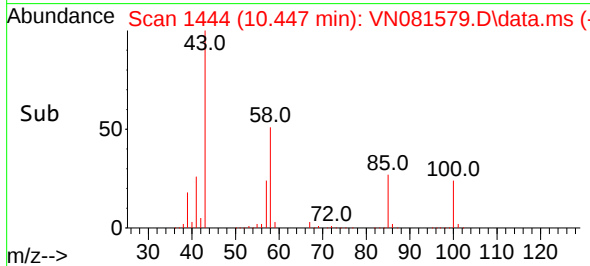
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1468472
Ion Ratio Lower Upper
43 100
58 42.2 29.4 44.0

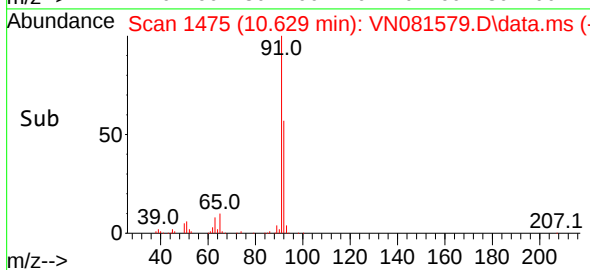
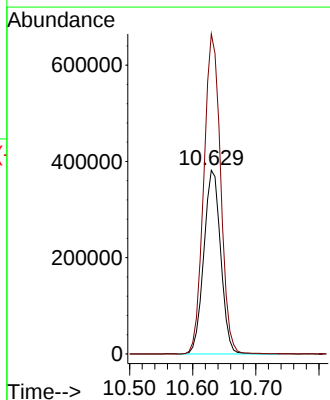
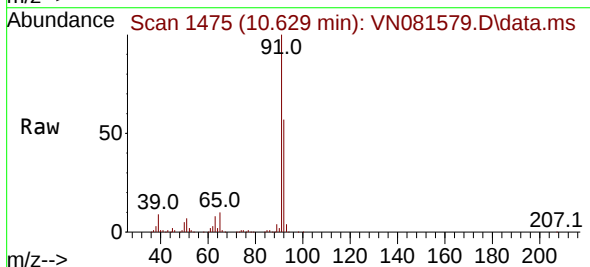
Manual Integrations
APPROVED

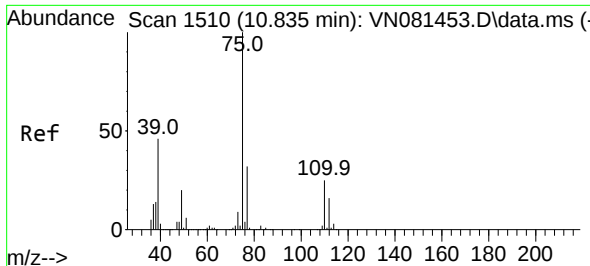
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#52
Toluene
Concen: 57.041 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion: 92 Resp: 706420
Ion Ratio Lower Upper
92 100
91 173.7 139.4 209.0





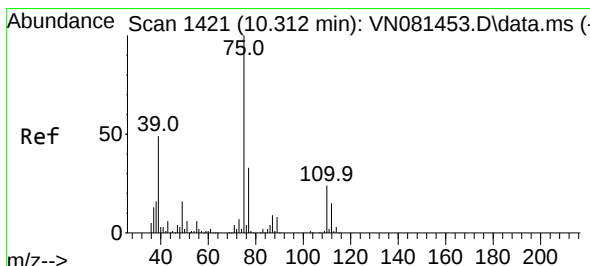
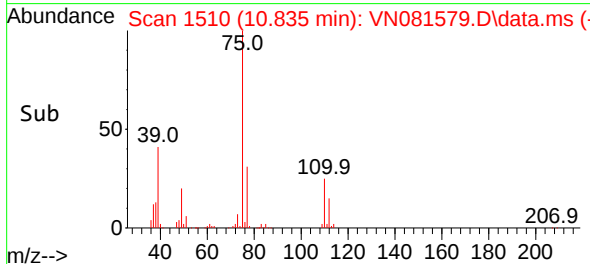
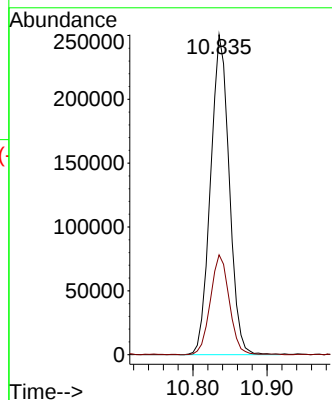
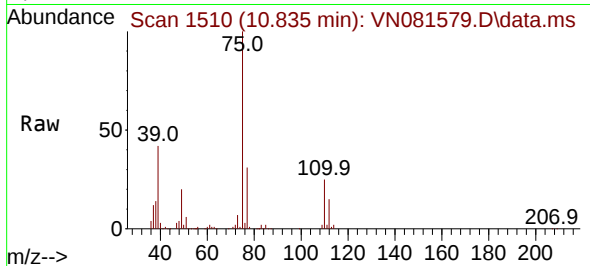
#53
 t-1,3-Dichloropropene
 Concen: 57.941 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 438680
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3

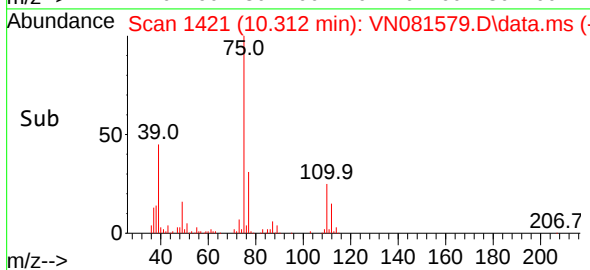
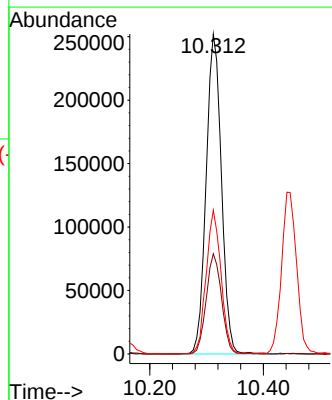
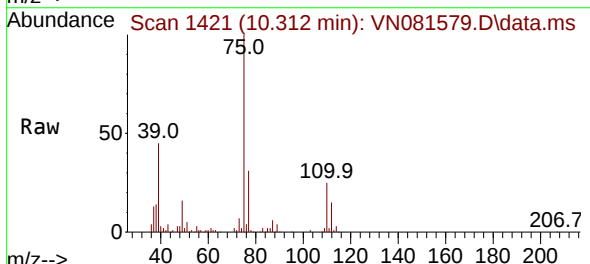
Manual Integrations
 APPROVED

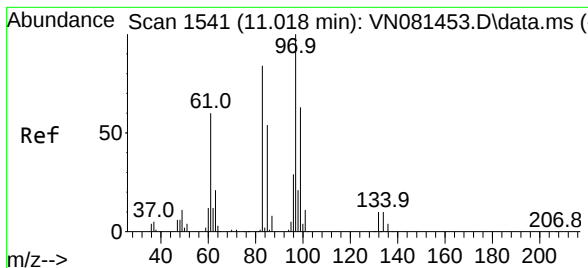
Reviewed By :John Carlone 03/27/2024
 Supervised By :Mahesh Dadoda 03/27/2024



#54
 cis-1,3-Dichloropropene
 Concen: 57.727 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

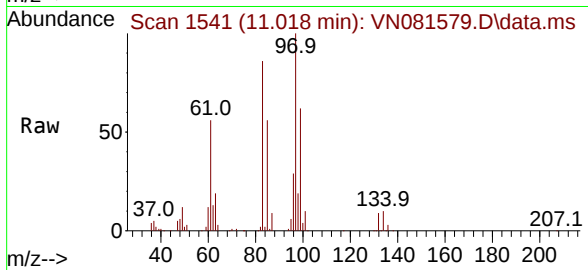
Tgt Ion: 75 Resp: 468598
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.3 34.9
 39 44.8 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 55.664 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

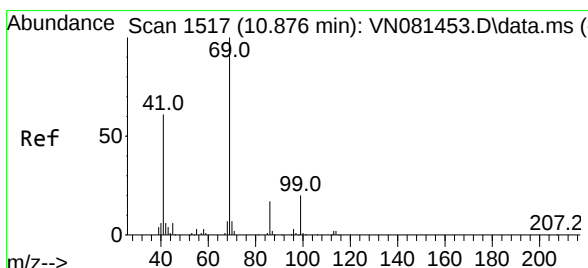
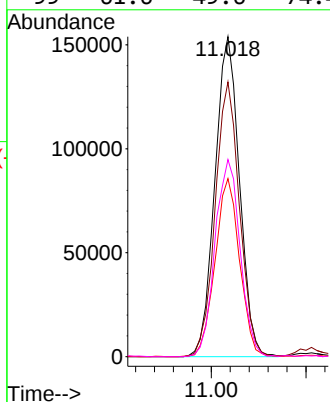
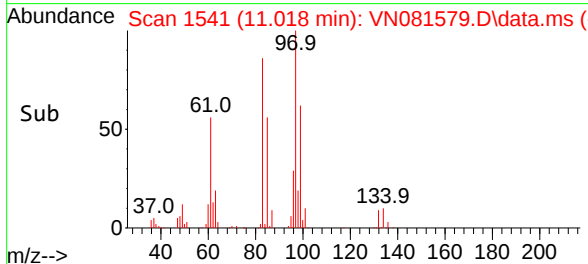
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



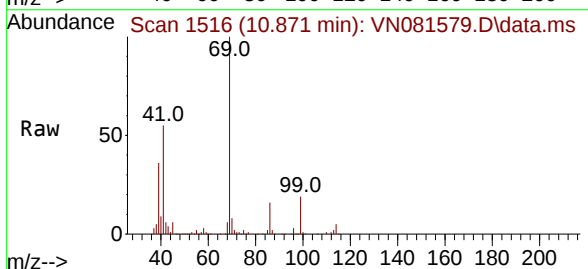
Tgt Ion: 97 Resp: 277430
Ion Ratio Lower Upper
97 100
83 85.9 72.9 109.3
85 55.6 50.2 75.2
99 61.6 49.6 74.4

Manual Integrations
APPROVED

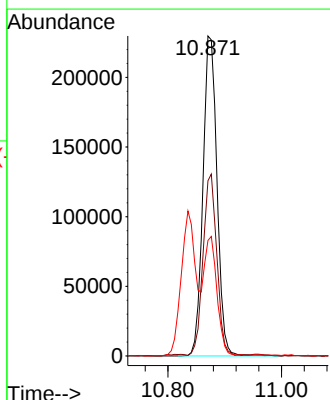
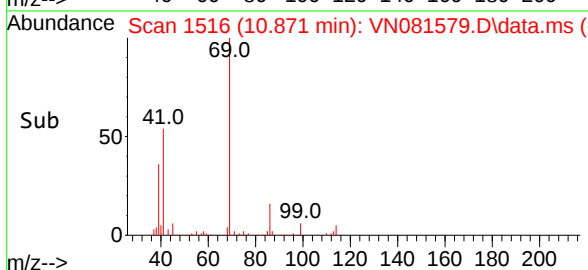
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

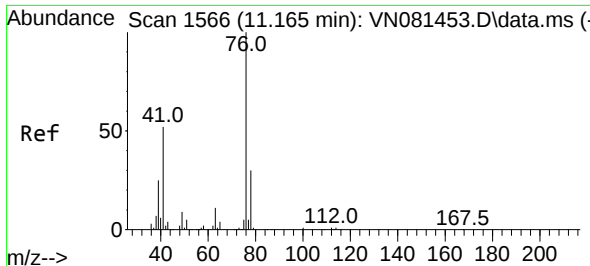


#56
Ethyl methacrylate
Concen: 52.626 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.005 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



Tgt Ion: 69 Resp: 392756
Ion Ratio Lower Upper
69 100
41 55.5 61.0 91.6#
39 32.8 31.8 47.6





#57

1,3-Dichloropropane

Concen: 57.199 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 467330

Ion Ratio Lower Upper

76 100

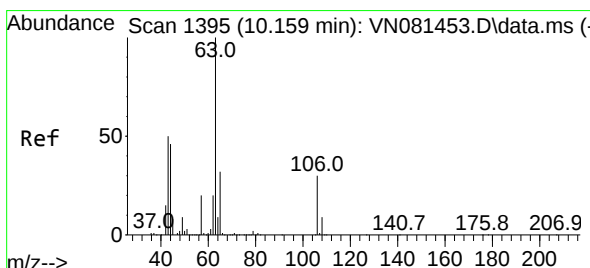
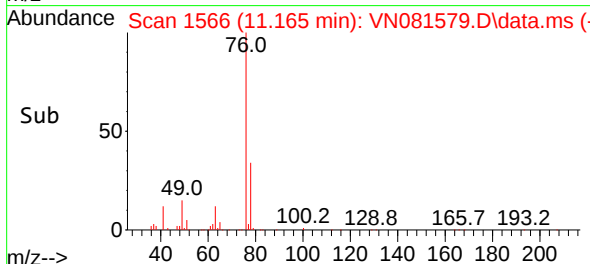
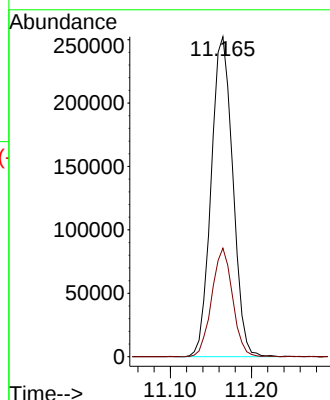
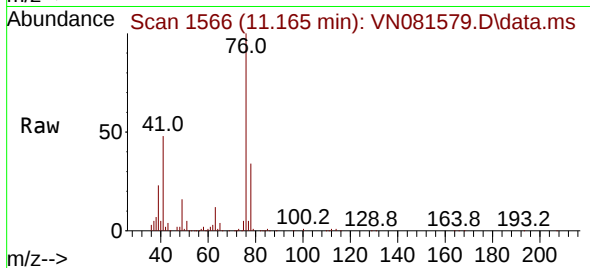
78 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2024

Supervised By :Mahesh Dadoda 03/27/2024



#58

2-Chloroethyl Vinyl ether

Concen: 282.099 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081579.D

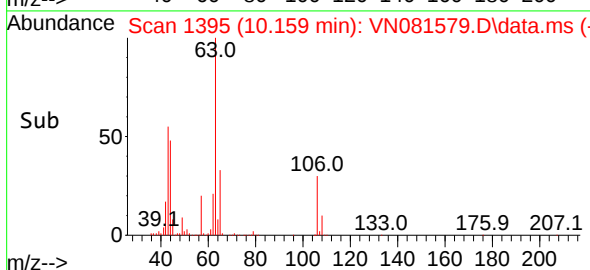
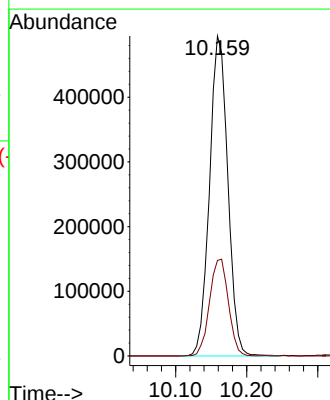
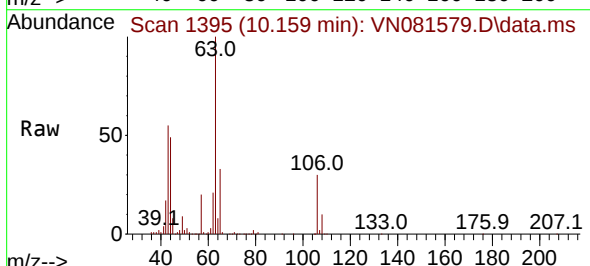
Acq: 26 Mar 2024 16:11

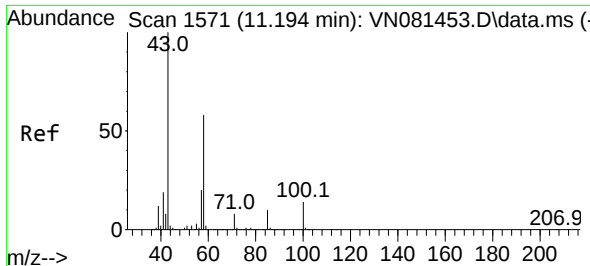
Tgt Ion: 63 Resp: 884678

Ion Ratio Lower Upper

63 100

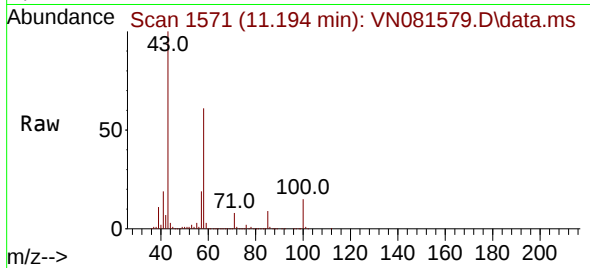
106 31.2 18.6 28.0#





#59
2-Hexanone
Concen: 253.341 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

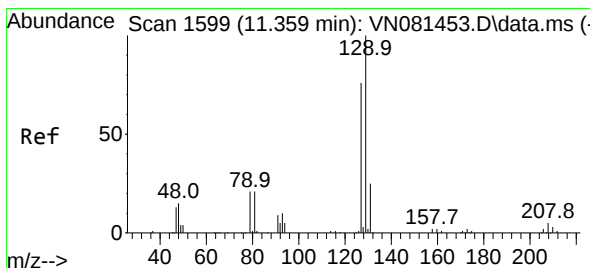
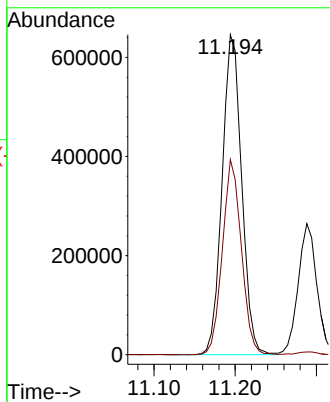
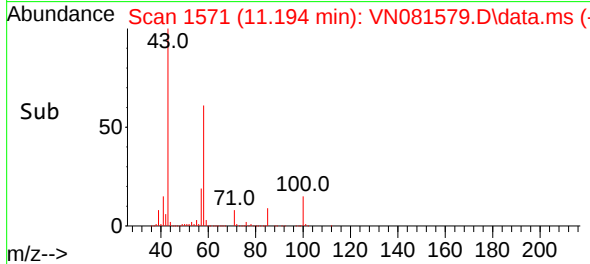
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 108120
Ion Ratio Lower Upper
43 100
58 59.2 25.9 77.8

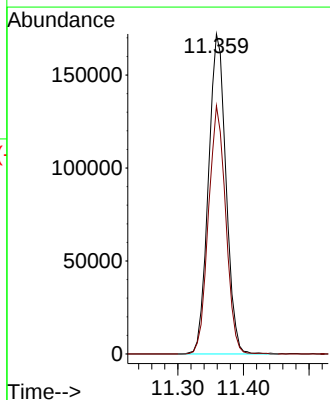
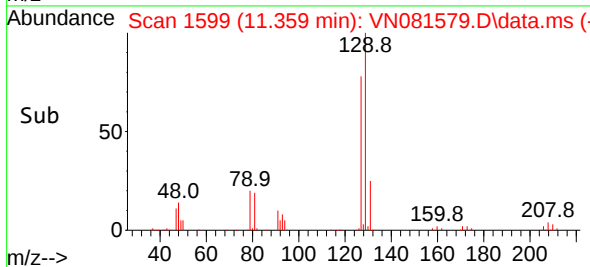
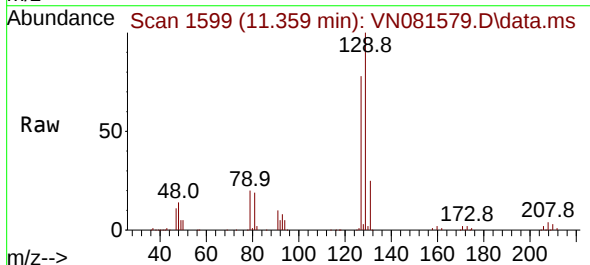
Manual Integrations
APPROVED

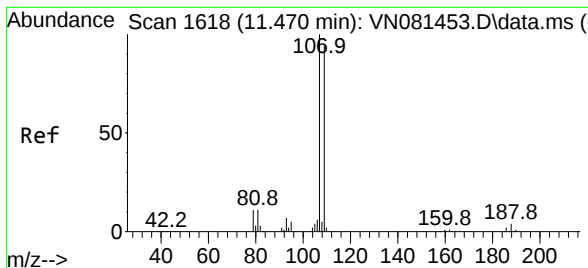
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#60
Dibromochloromethane
Concen: 58.228 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

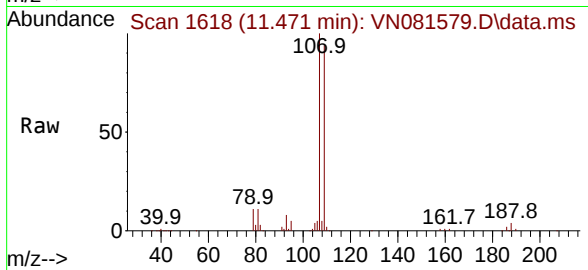
Tgt Ion:129 Resp: 319159
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 57.334 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

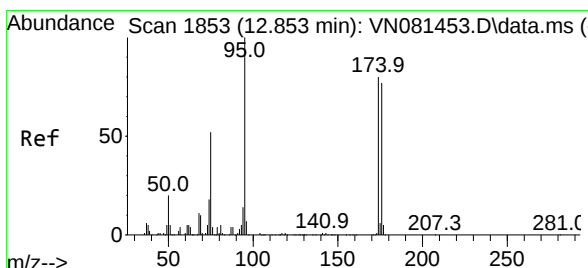
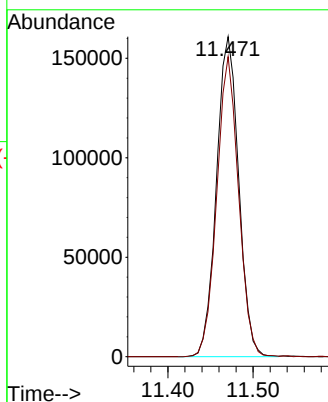
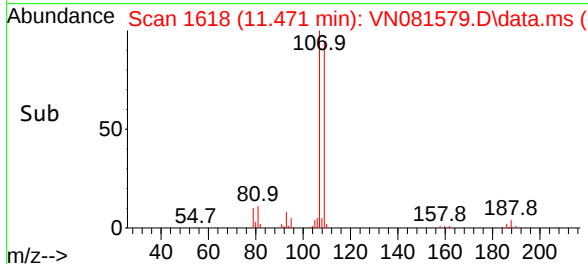
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



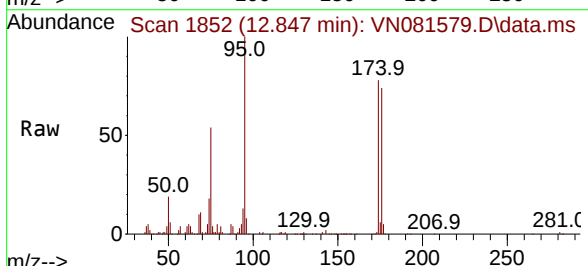
Tgt Ion:107 Resp: 29133
Ion Ratio Lower Upper
107 100
109 92.0 73.4 110.2

Manual Integrations
APPROVED

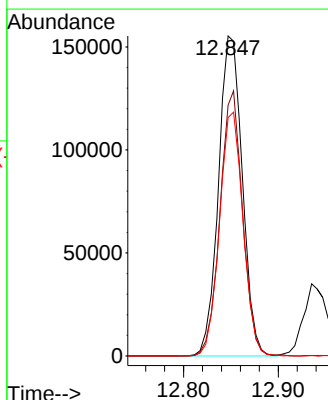
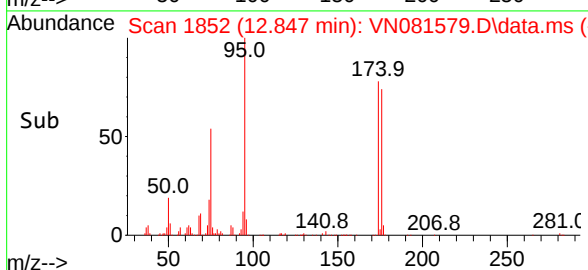
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

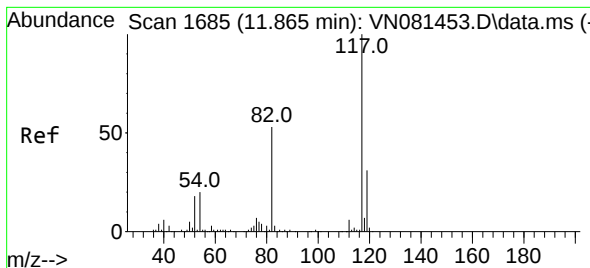


#62
4-Bromofluorobenzene
Concen: 53.821 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



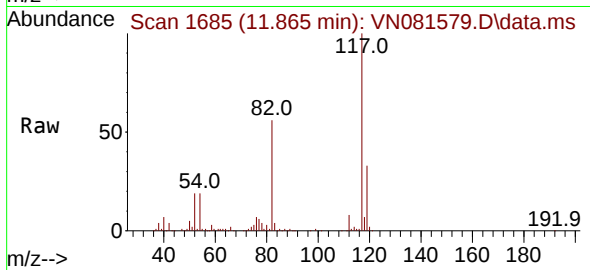
Tgt Ion: 95 Resp: 271493
Ion Ratio Lower Upper
95 100
174 78.6 0.0 120.4
176 75.1 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

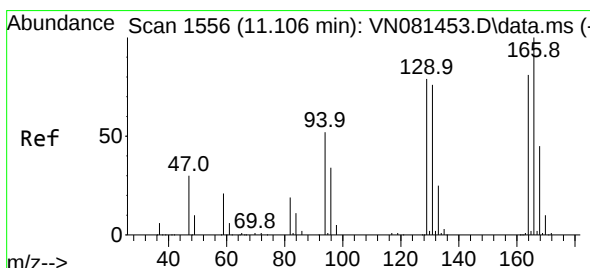
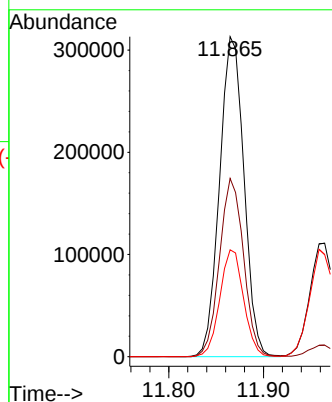
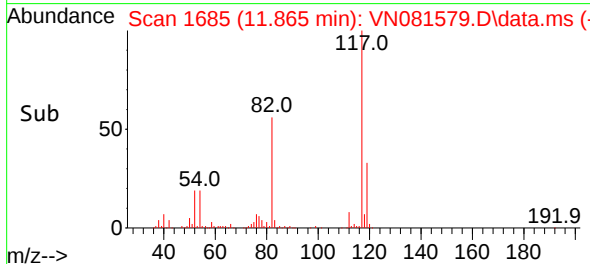
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



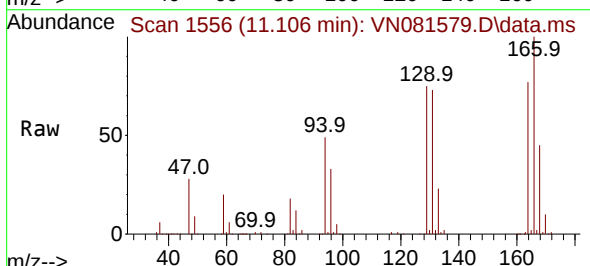
Tgt Ion:117 Resp: 56149
Ion Ratio Lower Upper
117 100
82 55.7 52.7 79.1
119 33.4 25.3 37.9

Manual Integrations
APPROVED

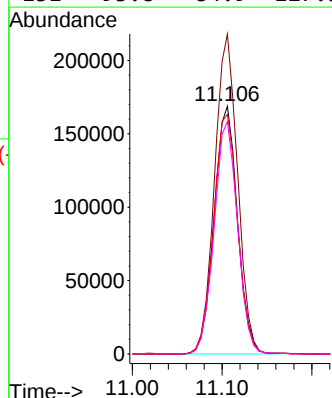
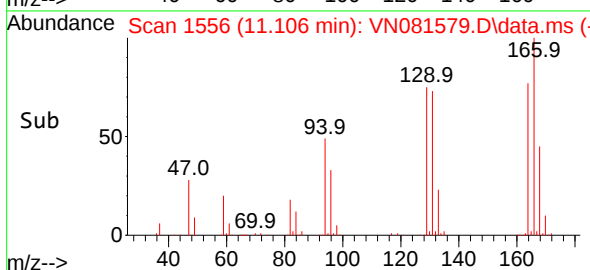
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

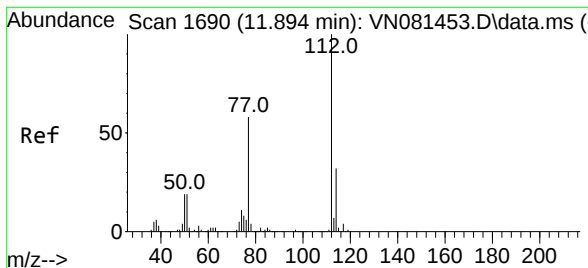


#64
Tetrachloroethene
Concen: 57.133 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



Tgt Ion:164 Resp: 306643
Ion Ratio Lower Upper
164 100
166 129.1 105.8 158.6
129 96.7 89.6 134.4
131 93.8 84.9 127.3





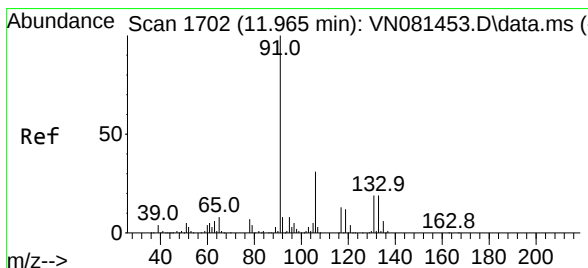
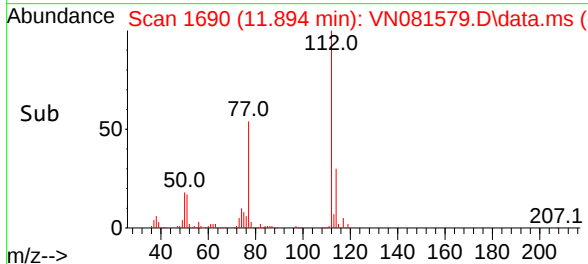
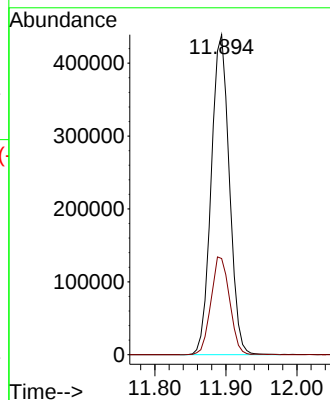
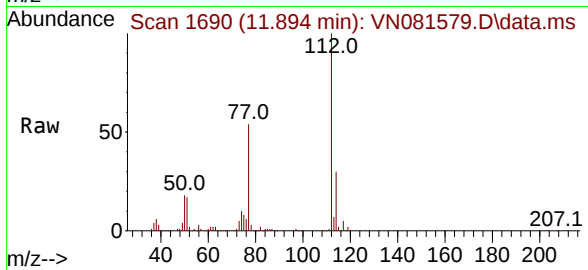
#65
Chlorobenzene
Concen: 58.615 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 778038
Ion Ratio Lower Upper
112 100
114 30.0 23.7 35.5

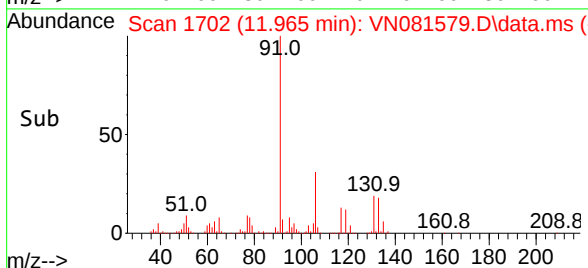
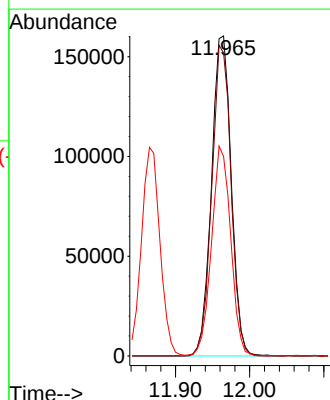
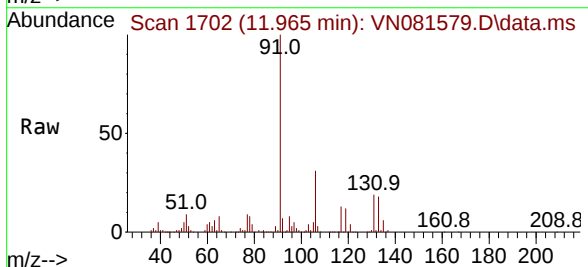
Manual Integrations
APPROVED

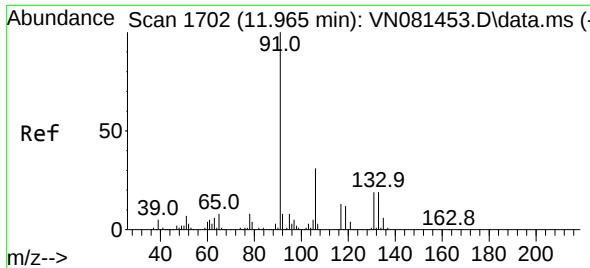
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 60.189 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion:131 Resp: 296107
Ion Ratio Lower Upper
131 100
133 94.8 46.8 140.3
119 63.8 34.6 103.9





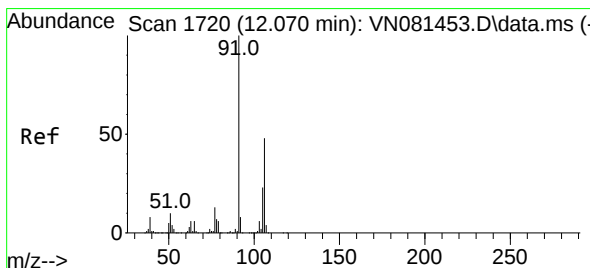
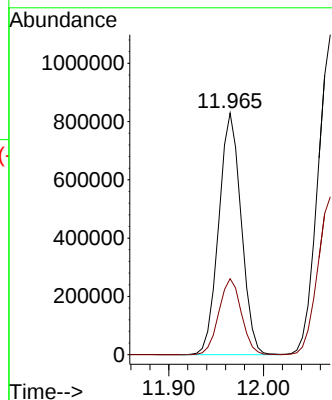
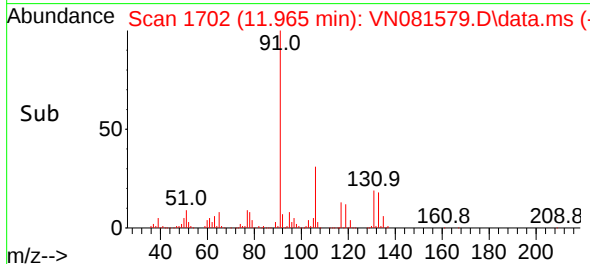
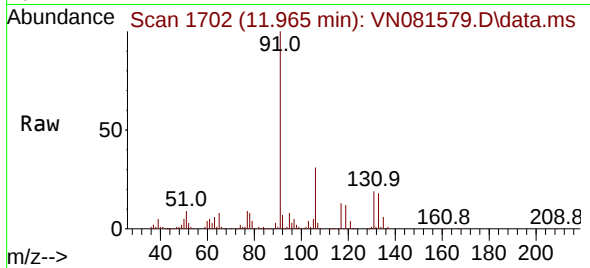
#67
Ethyl Benzene
Concen: 59.257 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1366307
Ion Ratio Lower Upper
91 100
106 31.5 23.8 35.6

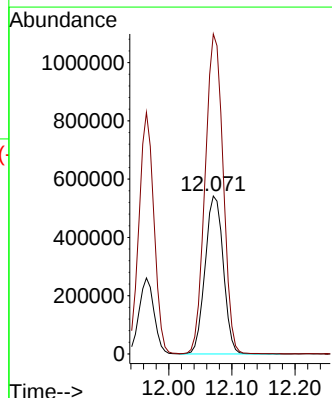
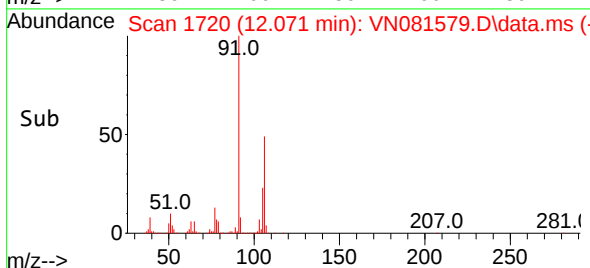
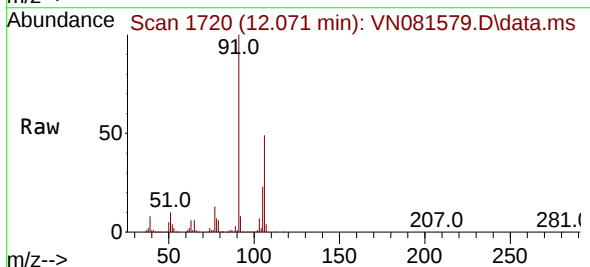
Manual Integrations
APPROVED

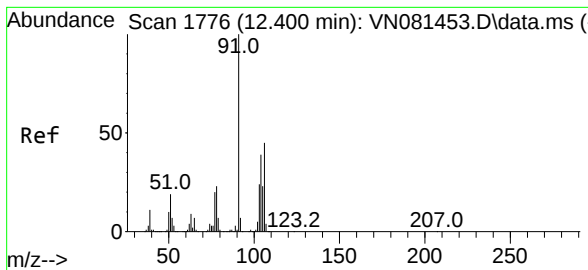
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#68
m/p-Xylenes
Concen: 125.052 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

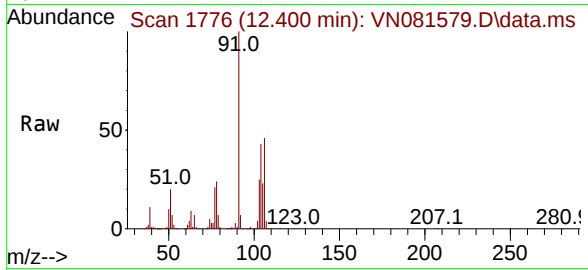
Tgt Ion:106 Resp: 1080937
Ion Ratio Lower Upper
106 100
91 201.1 169.0 253.6





#69
o-Xylene
Concen: 61.069 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

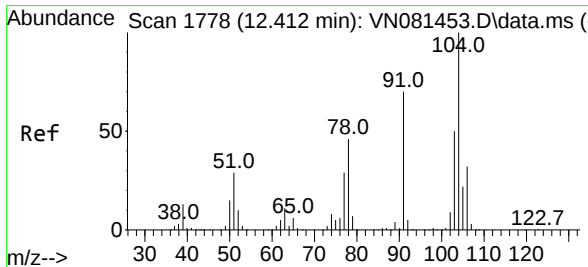
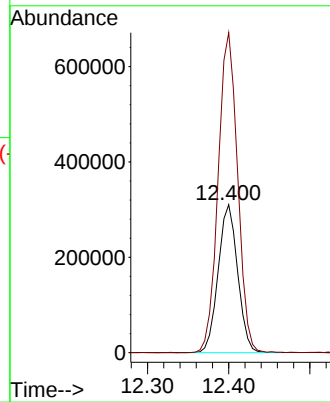
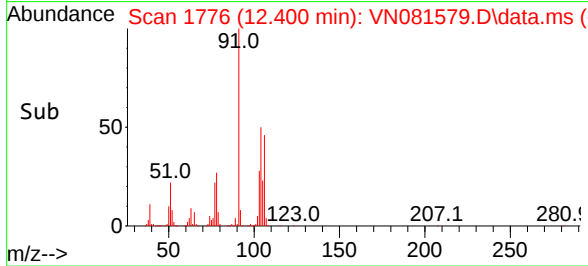
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



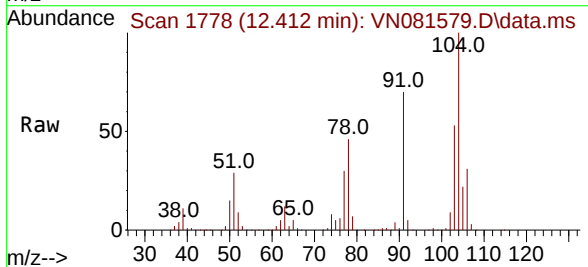
Tgt Ion:106 Resp: 518229
Ion Ratio Lower Upper
106 100
91 215.9 112.1 336.3

Manual Integrations
APPROVED

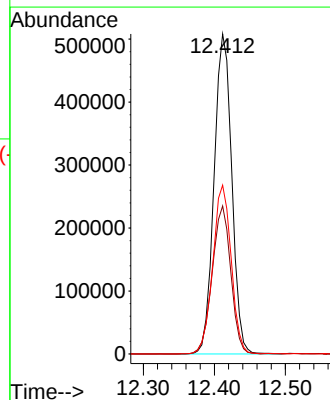
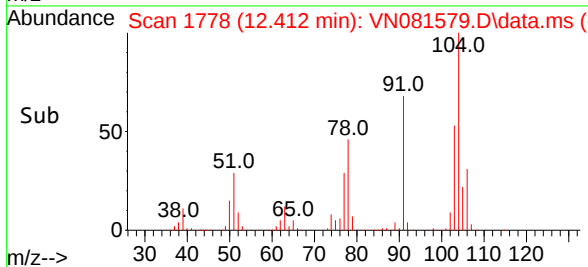
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

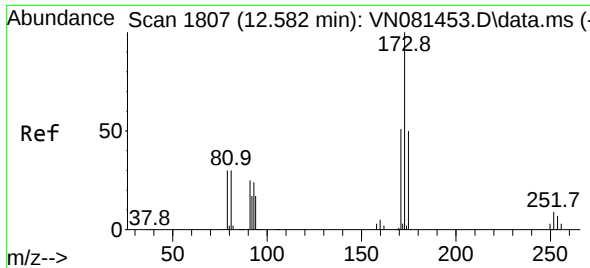


#70
Styrene
Concen: 64.050 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



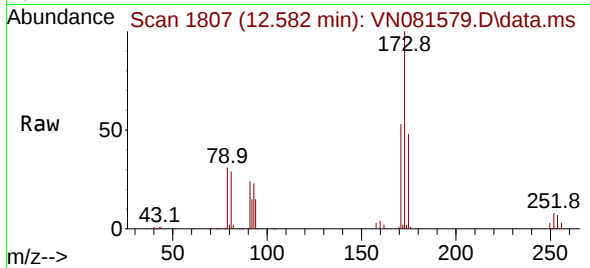
Tgt Ion:104 Resp: 876602
Ion Ratio Lower Upper
104 100
78 48.7 43.8 65.8
103 55.0 44.2 66.2





#71
Bromoform
Concen: 57.853 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

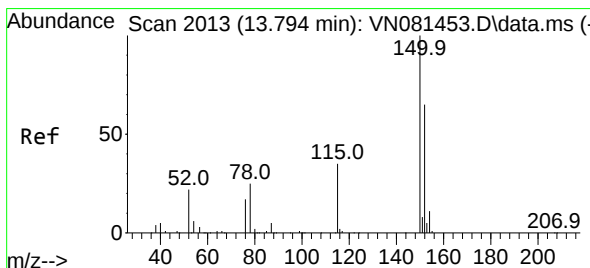
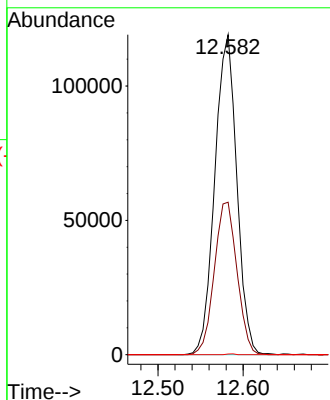
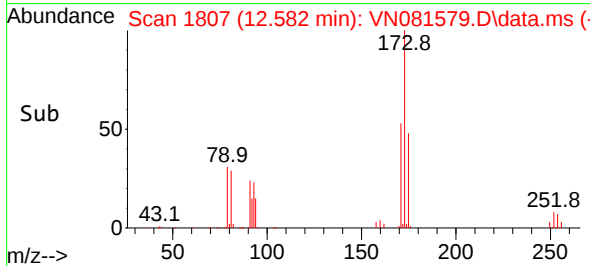
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



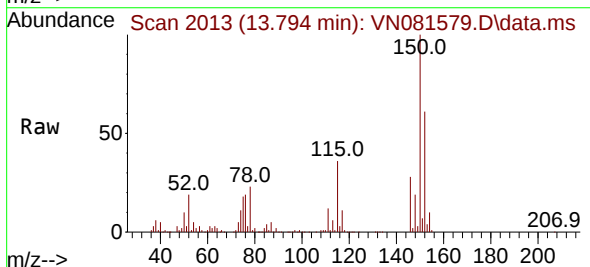
Tgt Ion:173 Resp: 213879
Ion Ratio Lower Upper
173 100
175 49.1 23.1 69.2
254 0.1 0.0 0.0

Manual Integrations
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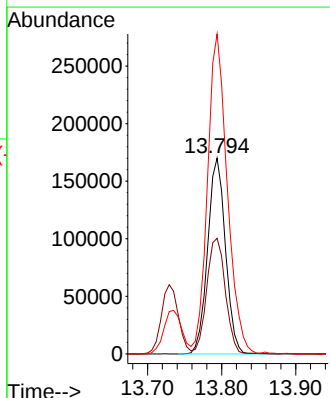
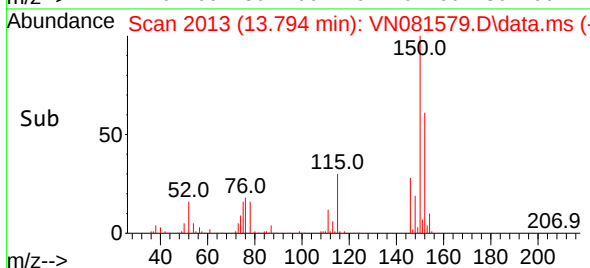
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

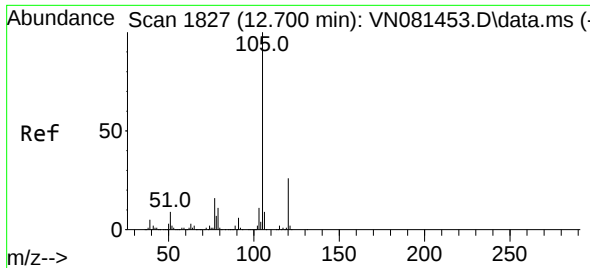


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



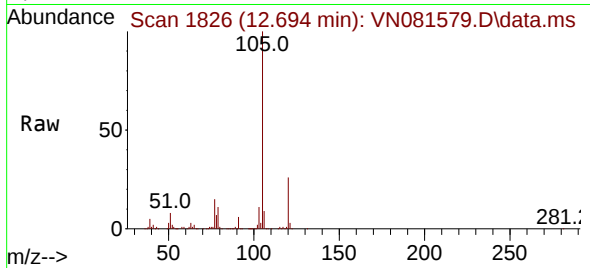
Tgt Ion:152 Resp: 284080
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 179.7 0.0 339.8





#73
Isopropylbenzene
Concen: 56.454 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

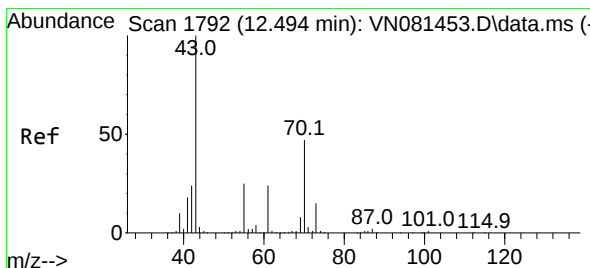
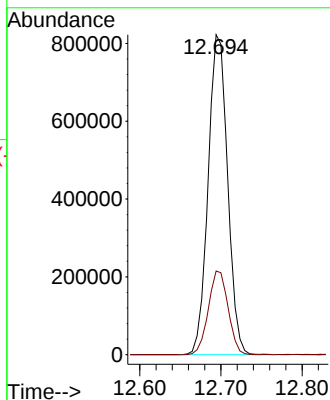
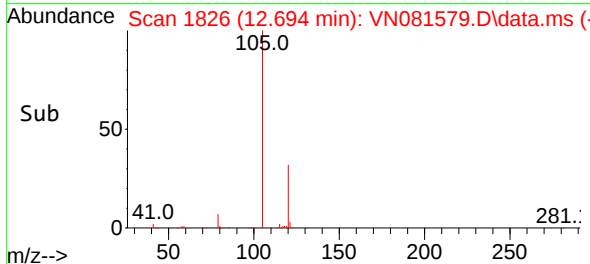
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 136703
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6

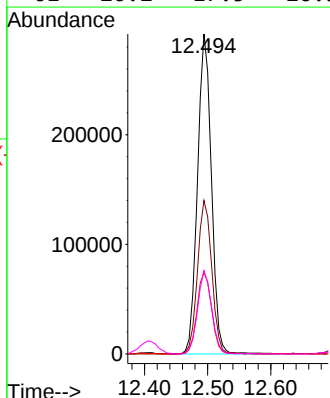
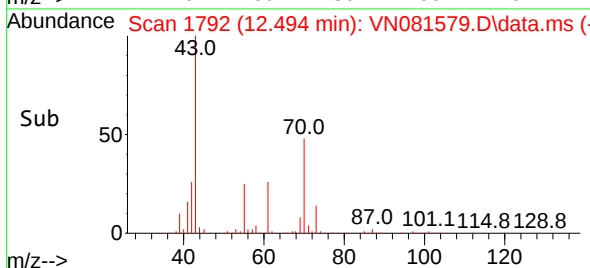
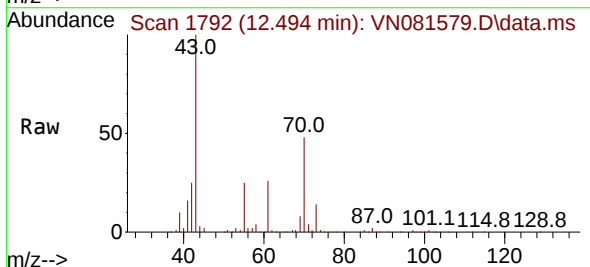
Manual Integrations
APPROVED

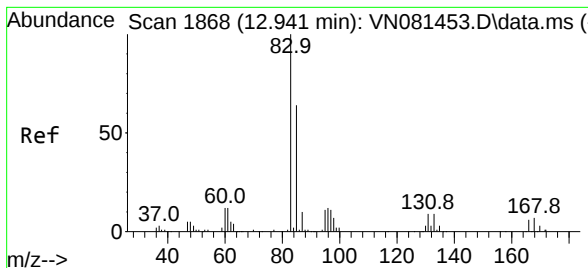
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#74
N-ethyl acetate
Concen: 51.048 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

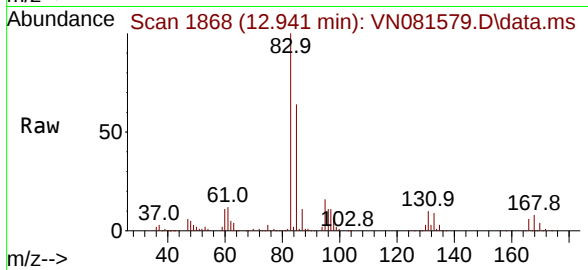
Tgt Ion: 43 Resp: 447346
Ion Ratio Lower Upper
43 100
70 49.1 30.1 45.1#
55 26.7 17.0 25.4#
61 26.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.909 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

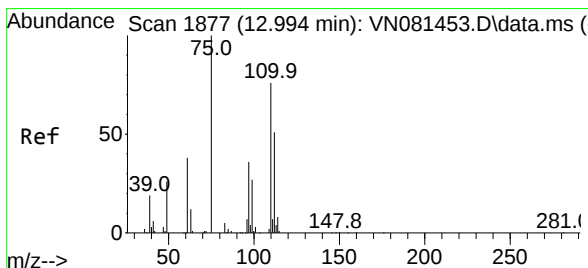
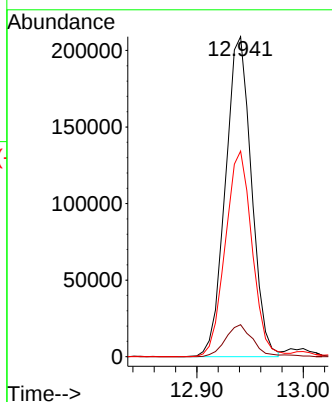
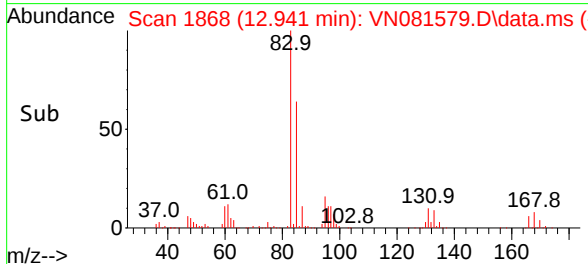
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



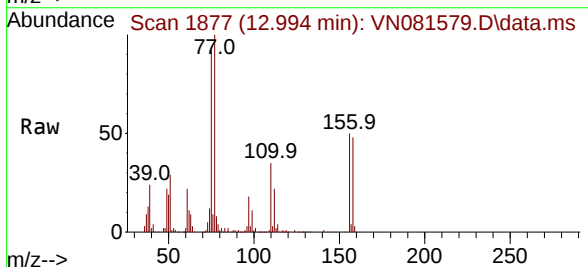
Tgt Ion: 83 Resp: 35533
Ion Ratio Lower Upper
83 100
131 10.7 4.1 12.3
85 66.3 32.1 96.3

Manual Integrations
APPROVED

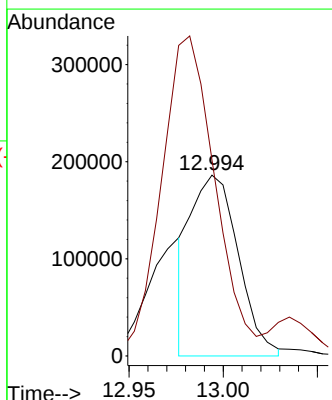
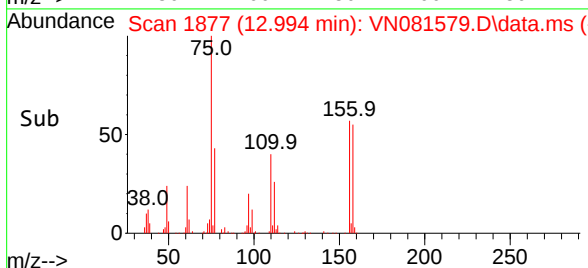
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

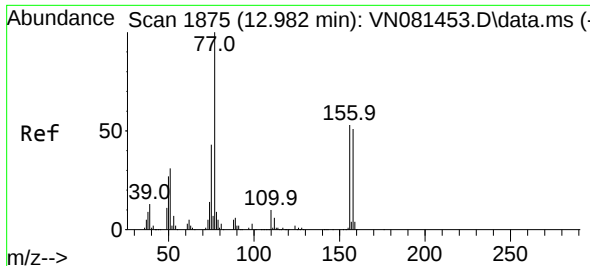


#76
1,2,3-Trichloropropane
Concen: 48.042 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



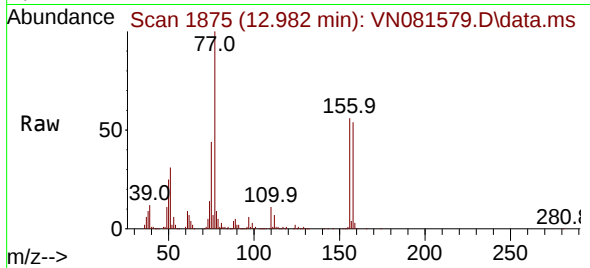
Tgt Ion: 75 Resp: 326459
Ion Ratio Lower Upper
75 100
77 200.5 91.0 272.8





#77
Bromobenzene
Concen: 53.648 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

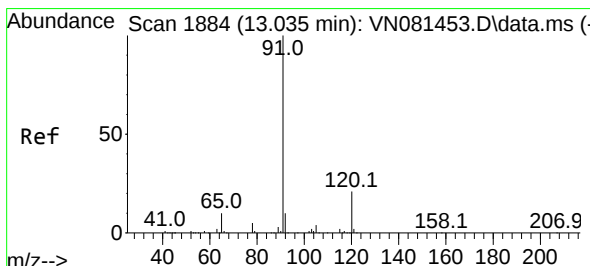
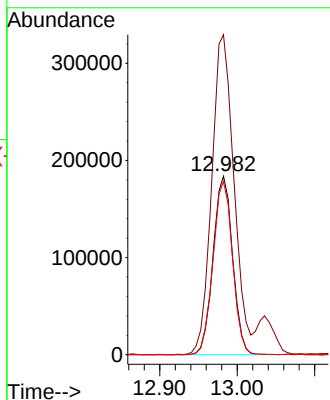
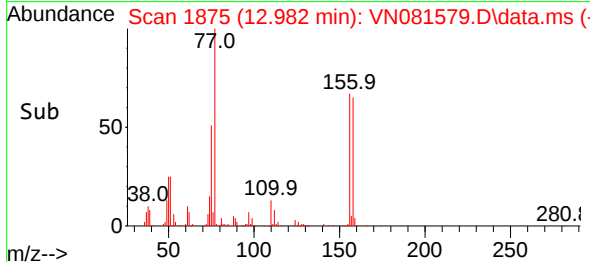
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



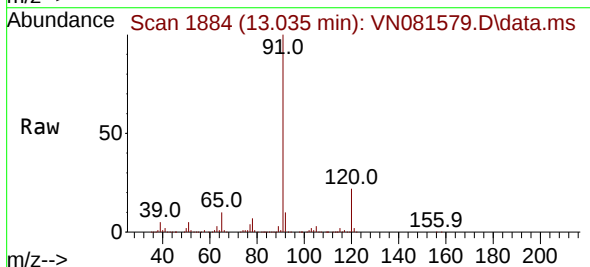
Tgt Ion:156 Resp: 320912
Ion Ratio Lower Upper
156 100
77 204.0 138.1 414.3
158 97.1 46.5 139.5

Manual Integrations
APPROVED

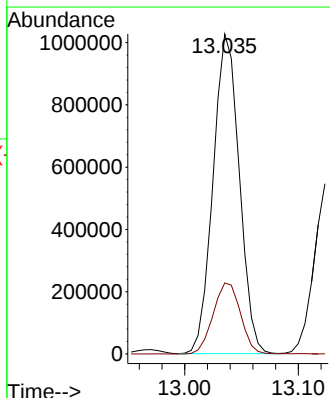
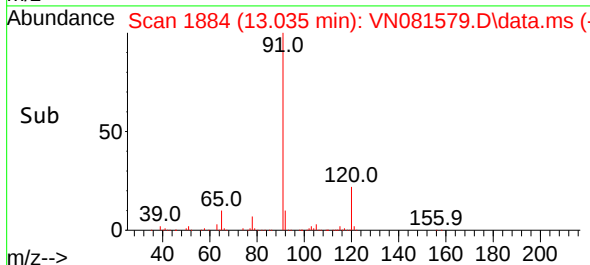
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

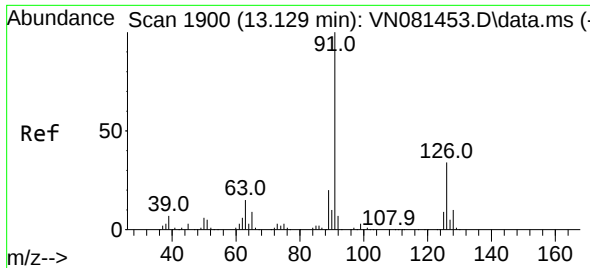


#78
n-propylbenzene
Concen: 57.573 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



Tgt Ion: 91 Resp: 1646414
Ion Ratio Lower Upper
91 100
120 23.2 10.3 30.9





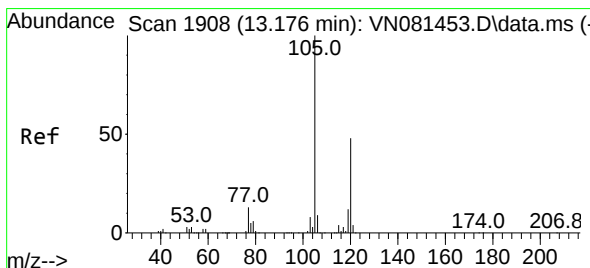
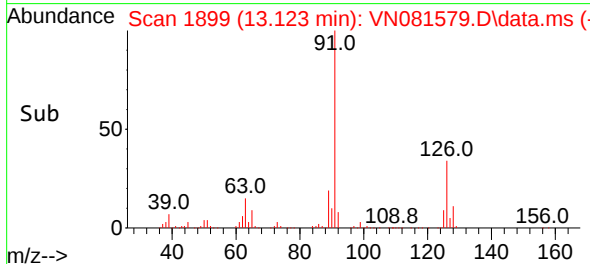
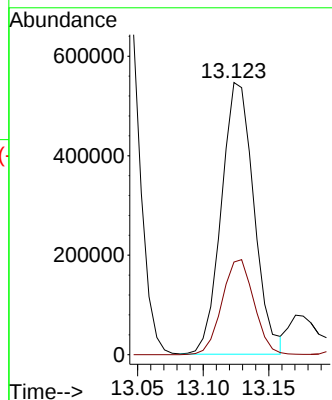
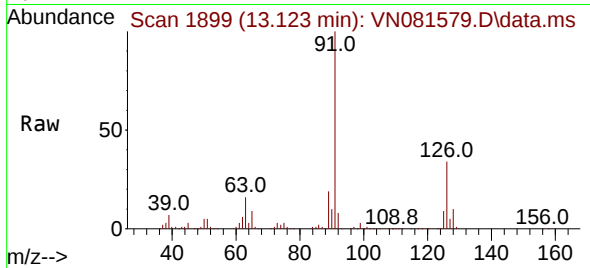
#79
2-Chlorotoluene
Concen: 55.172 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 944310
Ion Ratio Lower Upper
91 100
126 34.4 14.8 44.4

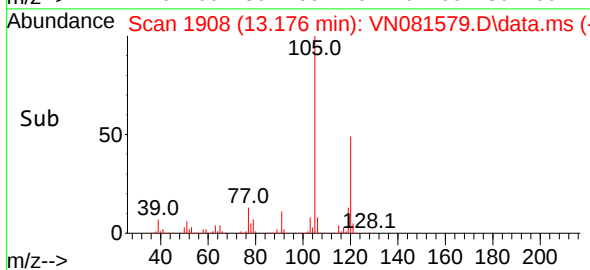
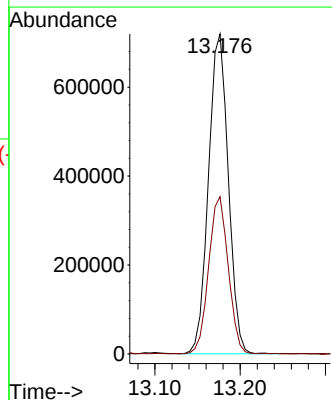
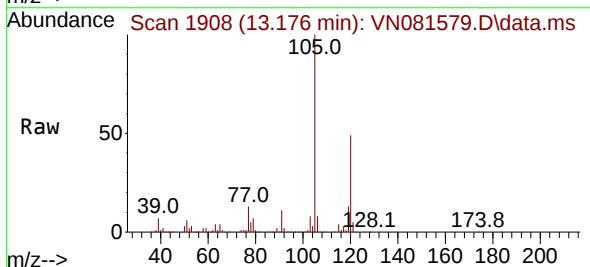
Manual Integrations
APPROVED

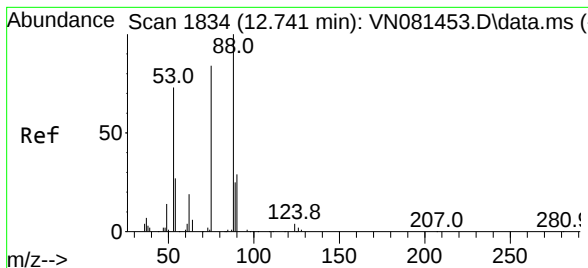
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#80
1,3,5-Trimethylbenzene
Concen: 58.059 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

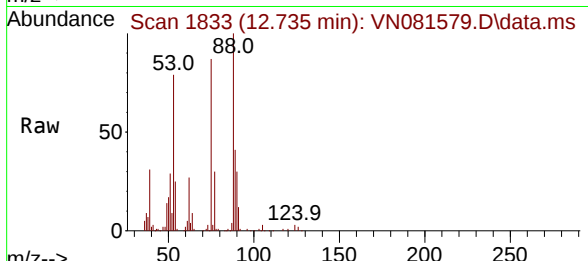
Tgt Ion:105 Resp: 1161217
Ion Ratio Lower Upper
105 100
120 48.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 59.526 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

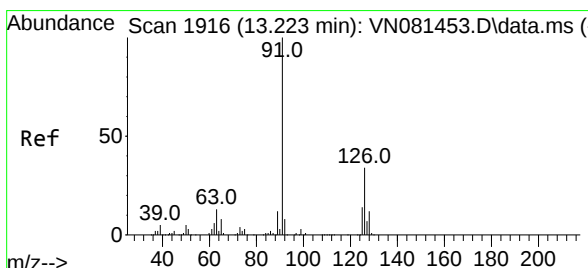
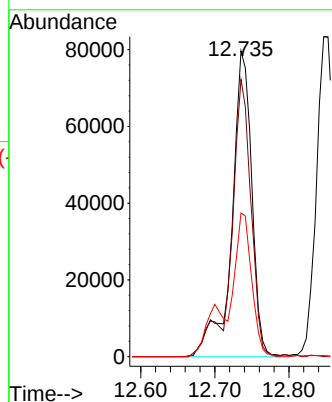
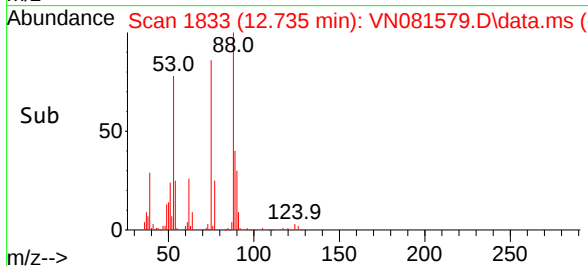
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 149680
Ion Ratio Lower Upper
75 100
53 77.6 71.4 107.2
89 39.1 33.4 50.0

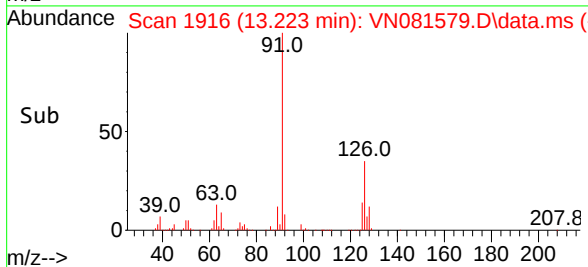
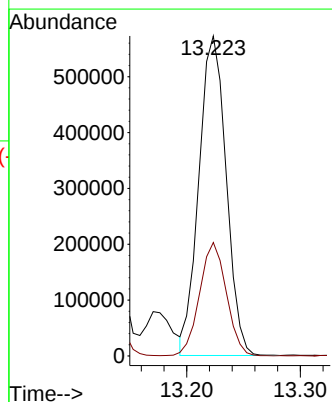
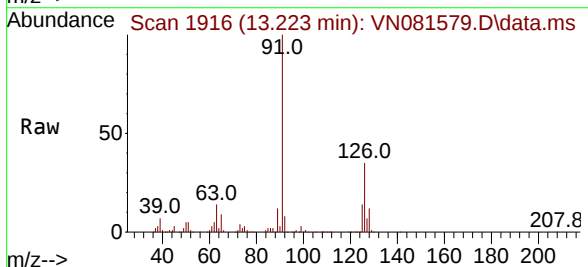
Manual Integrations
APPROVED

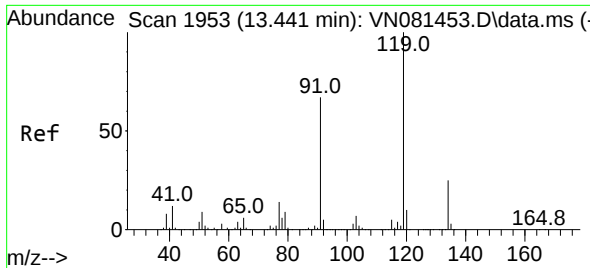
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#82
4-Chlorotoluene
Concen: 56.501 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion: 91 Resp: 953417
Ion Ratio Lower Upper
91 100
126 34.9 15.3 45.9





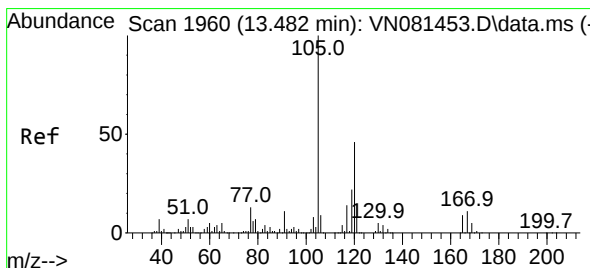
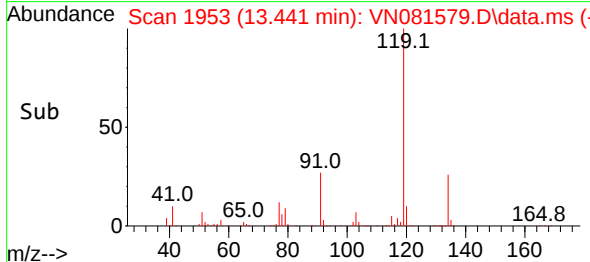
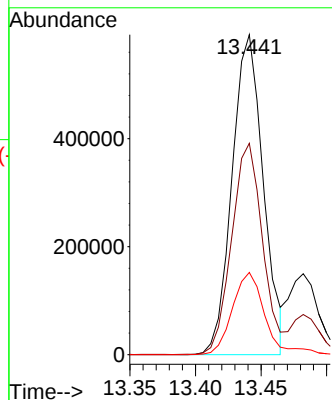
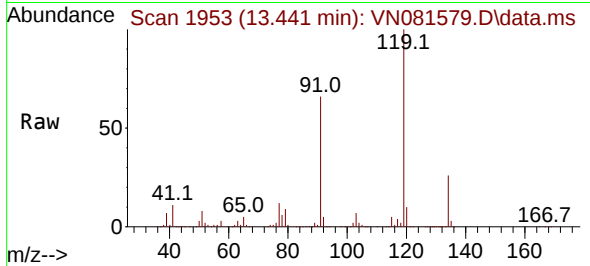
#83
tert-Butylbenzene
Concen: 56.896 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 98130
Ion Ratio Lower Upper
119 100
91 66.6 36.8 110.4
134 26.9 12.4 37.4

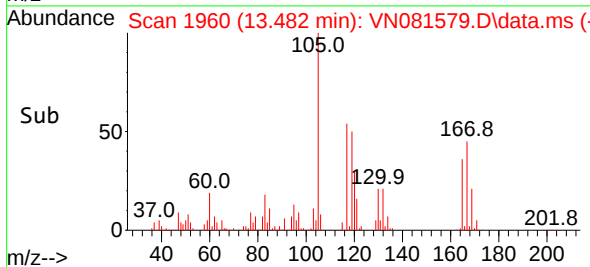
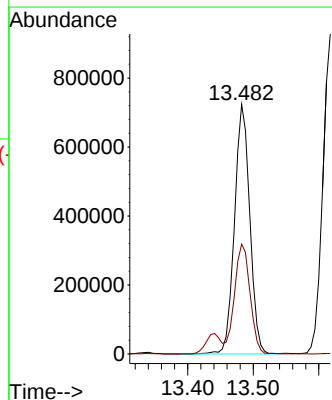
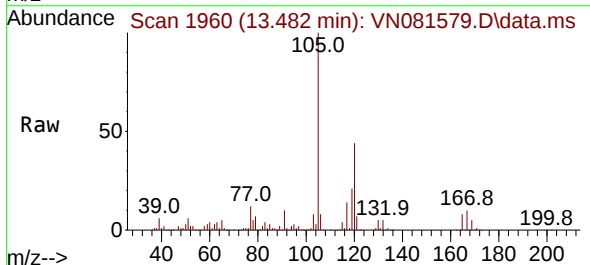
Manual Integrations
APPROVED

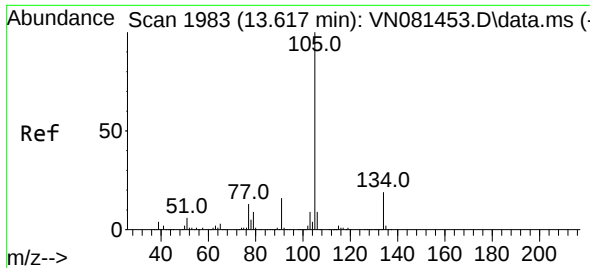
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#84
1,2,4-Trimethylbenzene
Concen: 58.439 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Tgt Ion:105 Resp: 1174747
Ion Ratio Lower Upper
105 100
120 44.9 20.9 62.7





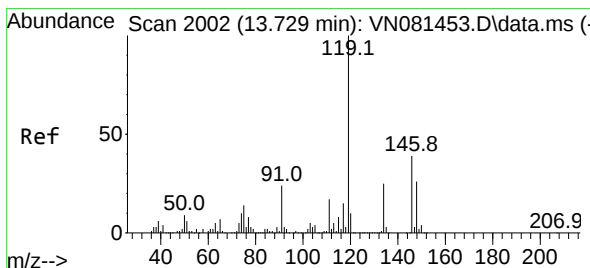
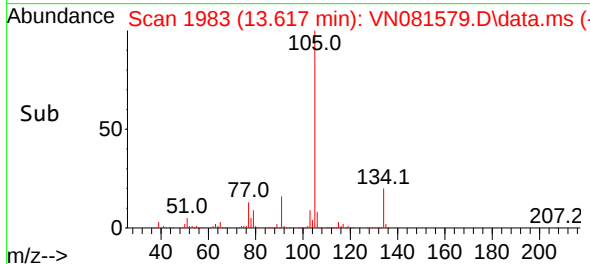
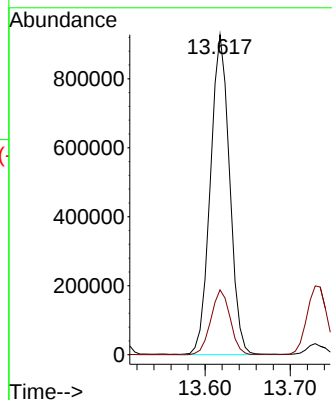
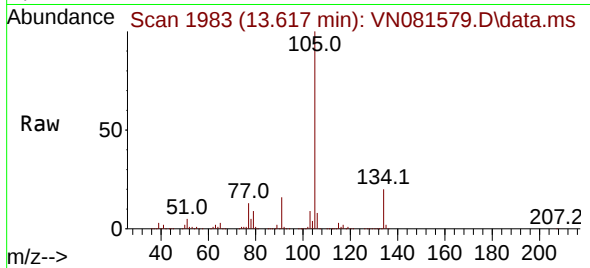
#85
 sec-Butylbenzene
 Concen: 58.954 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 145354
 Ion Ratio Lower Upper
 105 100
 134 20.3 8.6 25.8

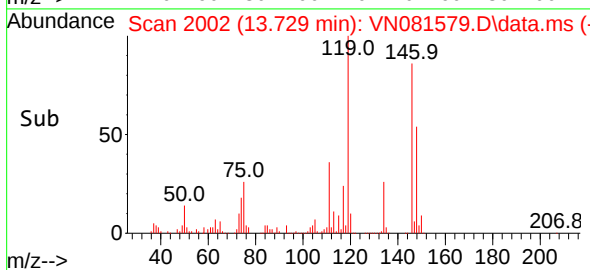
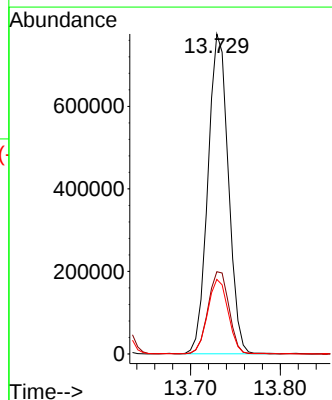
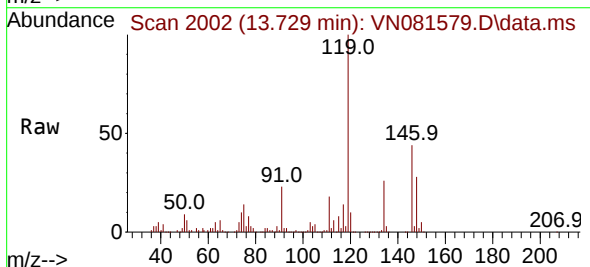
Manual Integrations
 APPROVED

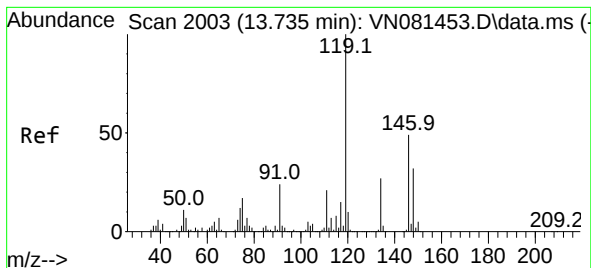
Reviewed By :John Carlone 03/27/2024
 Supervised By :Mahesh Dadoda 03/27/2024



#86
 p-Isopropyltoluene
 Concen: 60.735 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

Tgt Ion:119 Resp: 1224081
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.4 37.2
 91 23.8 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 57.156 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 62816

Ion Ratio Lower Upper

146 100

111 40.9 23.9 71.7

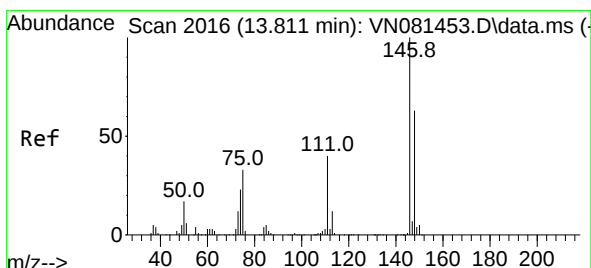
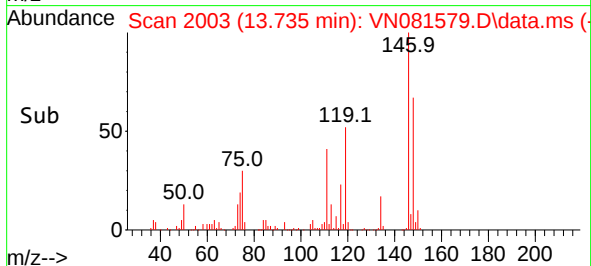
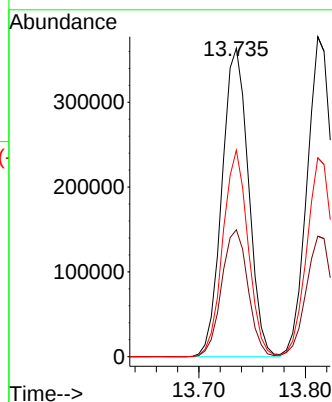
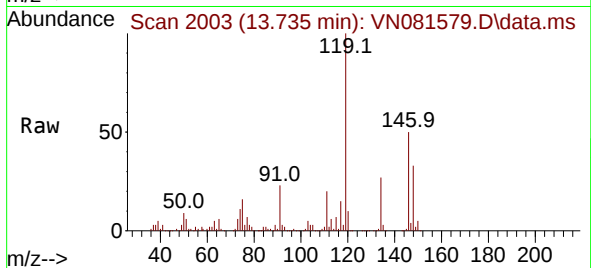
148 63.8 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/27/2024

Supervised By :Mahesh Dadoda 03/27/2024



#88

1,4-Dichlorobenzene

Concen: 55.020 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN081579.D

Acq: 26 Mar 2024 16:11

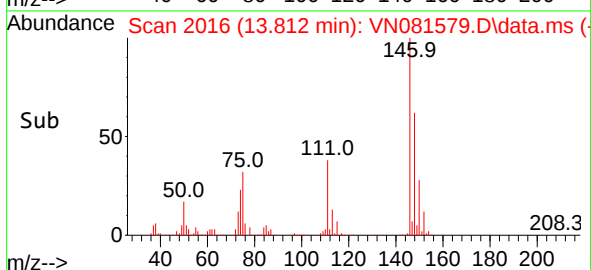
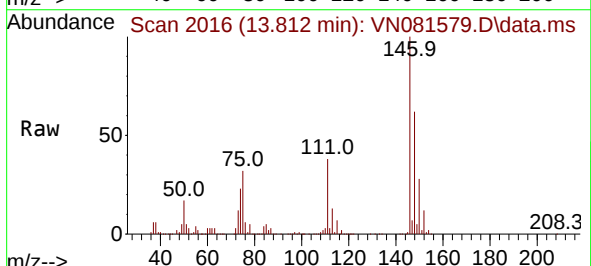
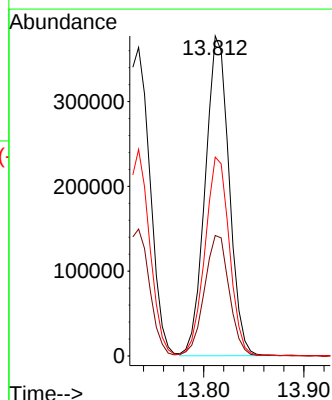
Tgt Ion:146 Resp: 626133

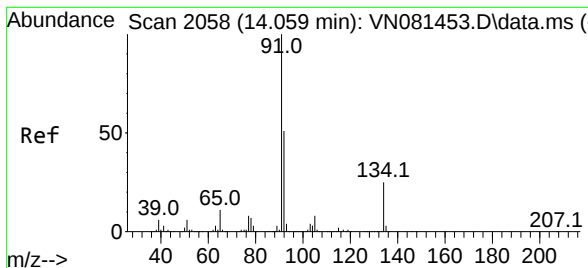
Ion Ratio Lower Upper

146 100

111 39.4 22.6 67.7

148 63.1 31.9 95.5





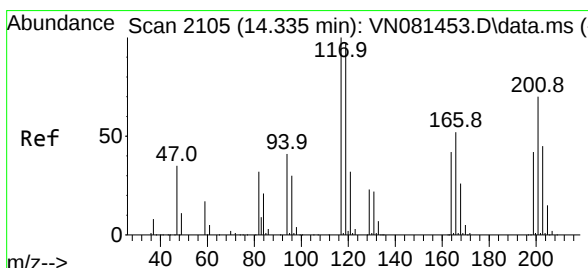
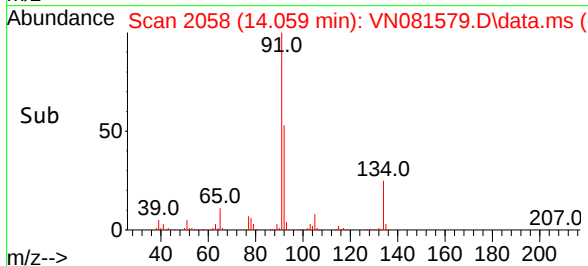
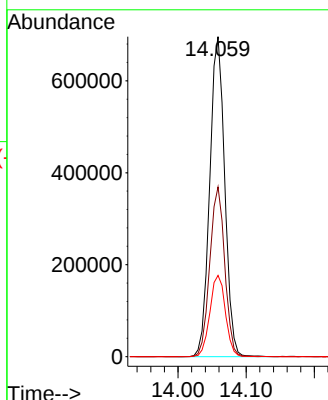
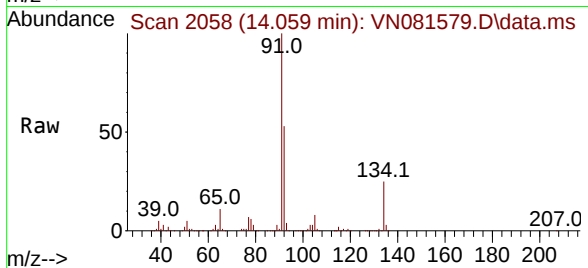
#89
n-Butylbenzene
Concen: 59.648 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 106601
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 26.3 10.8 32.4

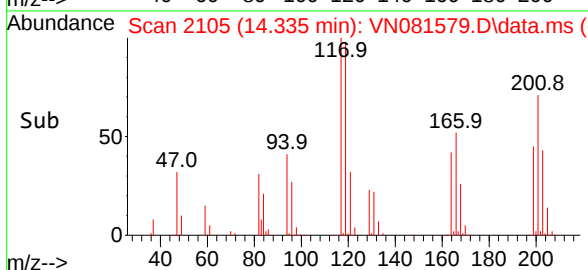
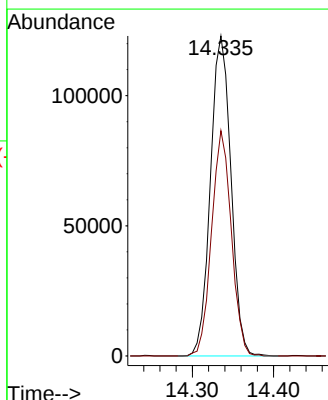
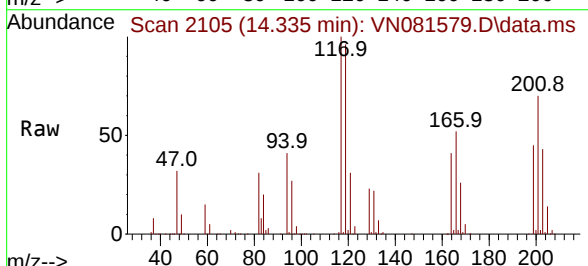
Manual Integrations
APPROVED

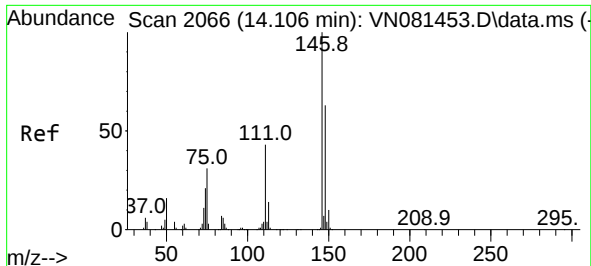
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#90
Hexachloroethane
Concen: 56.518 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

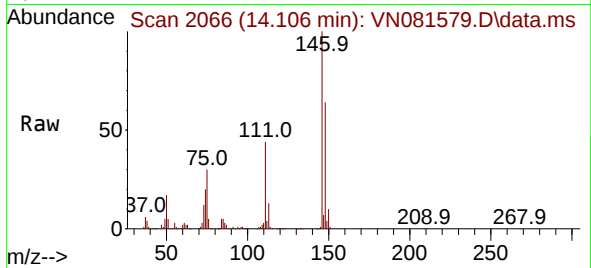
Tgt Ion:117 Resp: 215728
Ion Ratio Lower Upper
117 100
201 67.8 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 56.673 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

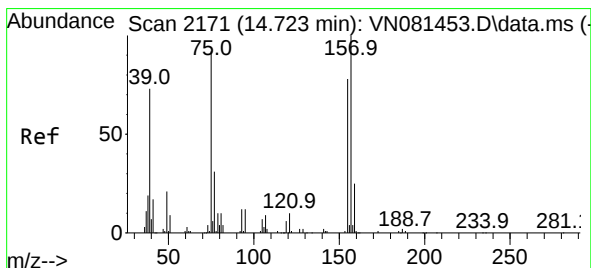
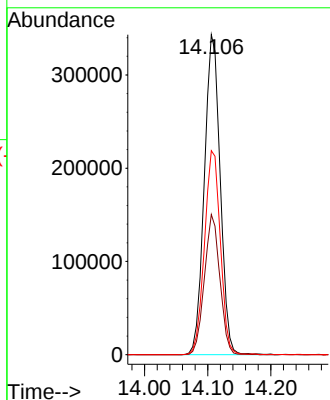
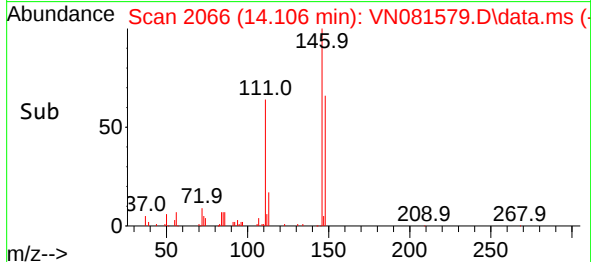
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



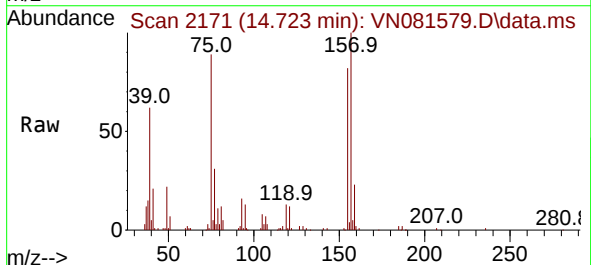
Tgt Ion:146 Resp: 59950
Ion Ratio Lower Upper
146 100
111 42.6 23.9 71.8
148 63.9 31.4 94.0

Manual Integrations
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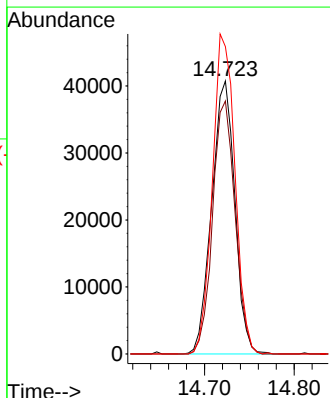
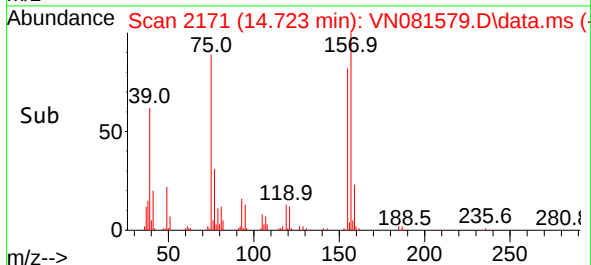
Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024

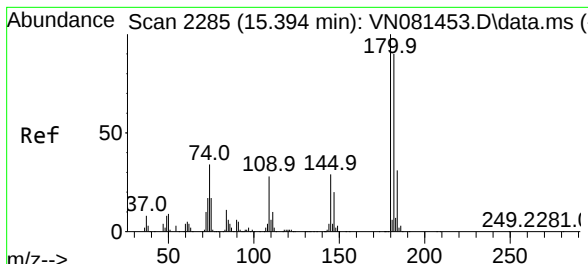


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.196 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



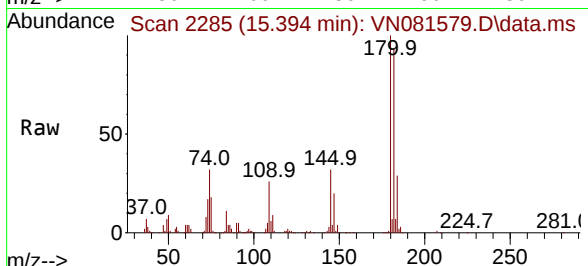
Tgt Ion: 75 Resp: 73026
Ion Ratio Lower Upper
75 100
155 89.8 31.8 95.4
157 113.8 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 57.171 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

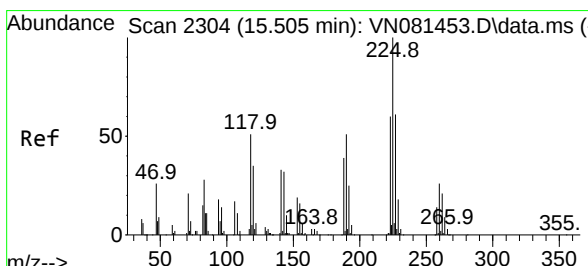
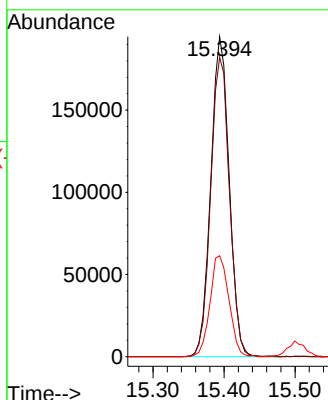
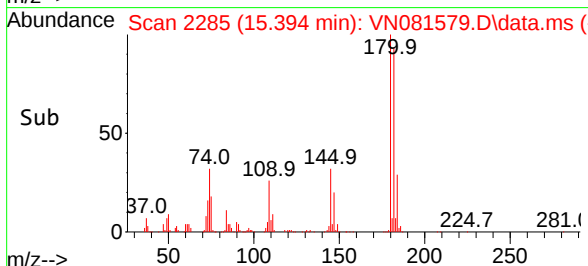
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 349684
 Ion Ratio Lower Upper
 180 100
 182 95.5 46.6 139.7
 145 32.5 16.8 50.3

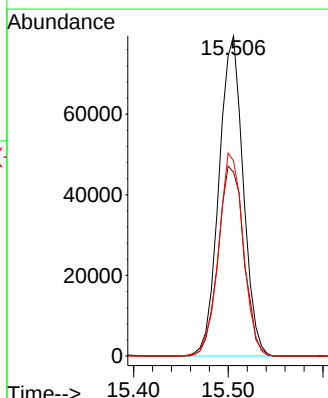
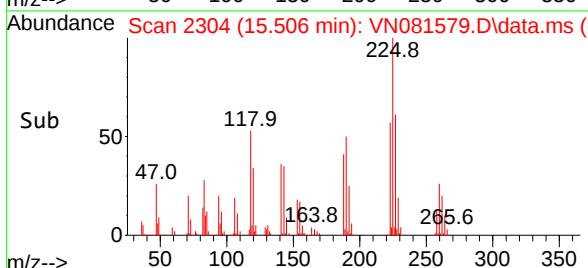
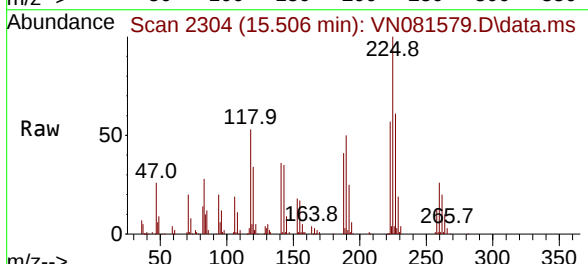
Manual Integrations
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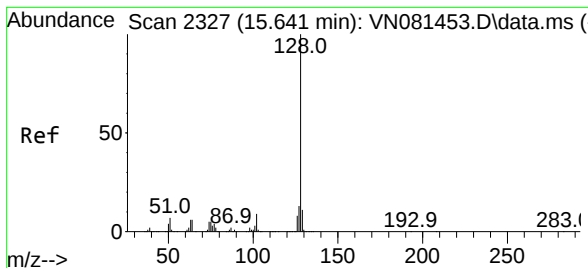
Reviewed By :John Carlone 03/27/2024
 Supervised By :Mahesh Dadoda 03/27/2024



#94
 Hexachlorobutadiene
 Concen: 52.487 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN081579.D
 Acq: 26 Mar 2024 16:11

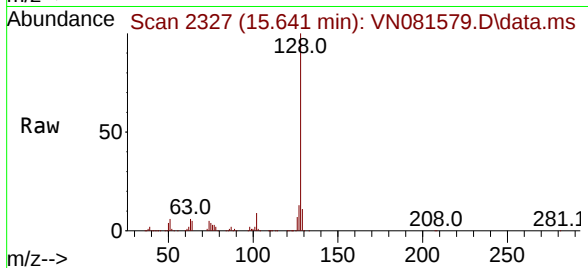
Tgt Ion:225 Resp: 140856
 Ion Ratio Lower Upper
 225 100
 223 63.1 33.3 99.8
 227 64.3 33.1 99.2





#95
Naphthalene
Concen: 56.186 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11

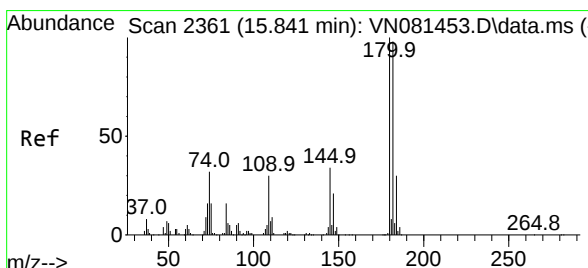
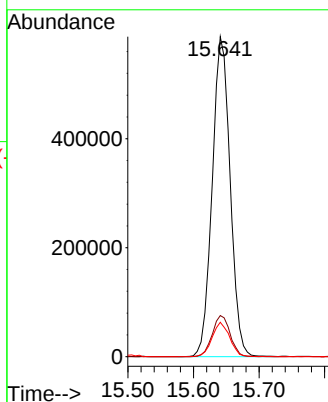
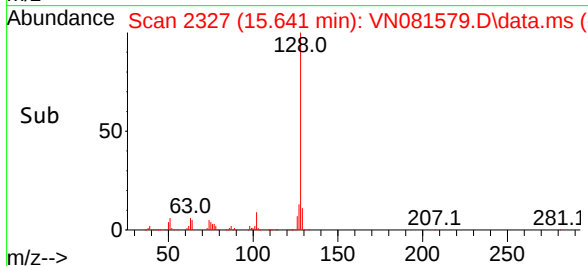
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



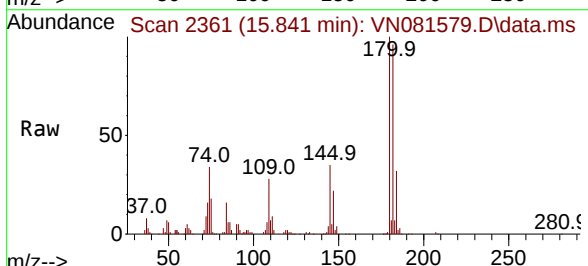
Tgt Ion:128 Resp: 1113550
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/27/2024
Supervised By :Mahesh Dadoda 03/27/2024



#96
1,2,3-Trichlorobenzene
Concen: 55.728 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081579.D
Acq: 26 Mar 2024 16:11



Tgt Ion:180 Resp: 342855
Ion Ratio Lower Upper
180 100
182 94.8 46.5 139.3
145 34.1 17.8 53.4

