

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079717.D
 Acq On : 30 Oct 2023 10:34
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:08:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:05:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	310961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	539877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	497006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	247095	49.481	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.171	113	193402	50.134	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.260%		
50) Toluene-d8	10.571	98	727005	50.553	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.853	95	247052	54.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	208710	50.843	ug/l	99
3) Chloromethane	2.365	50	239979	48.257	ug/l	96
4) Vinyl Chloride	2.518	62	261773	48.878	ug/l	97
5) Bromomethane	2.948	94	162574	46.244	ug/l	95
6) Chloroethane	3.118	64	175799	44.808	ug/l	97
7) Trichlorofluoromethane	3.495	101	304501	48.350	ug/l	98
8) Diethyl Ether	3.965	74	114305	50.153	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	175781	48.191	ug/l	99
10) Methyl Iodide	4.589	142	198834	54.161	ug/l	99
11) Tert butyl alcohol	5.530	59	161396	243.674	ug/l	100
12) 1,1-Dichloroethene	4.342	96	167373	48.989	ug/l	88
13) Acrolein	4.177	56	160383	240.715	ug/l	98
14) Allyl chloride	5.024	41	265593	46.355	ug/l #	89
15) Acrylonitrile	5.724	53	515574	252.964	ug/l	99
16) Acetone	4.430	43	547249	256.148	ug/l	92
17) Carbon Disulfide	4.712	76	498227	47.754	ug/l	97
18) Methyl Acetate	5.030	43	431968	50.115	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	593333	51.327	ug/l	94
20) Methylene Chloride	5.283	84	200613	47.419	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	187487	48.346	ug/l #	74
22) Diisopropyl ether	6.677	45	652121	50.626	ug/l #	91
23) Vinyl Acetate	6.606	43	1873568	264.187	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	375970	48.709	ug/l	97
25) 2-Butanone	7.489	43	752627	256.460	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	308934	49.463	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	224992	50.390	ug/l	86
28) Bromochloromethane	7.818	49	189493	50.191	ug/l #	74
29) Tetrahydrofuran	7.841	42	466388	260.136	ug/l #	75
30) Chloroform	7.971	83	377917	48.623	ug/l	96
31) Cyclohexane	8.265	56	317615	46.620	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	328552	48.763	ug/l	94
36) 1,1-Dichloropropene	8.377	75	289420	50.572	ug/l	94
37) Ethyl Acetate	7.565	43	279575	49.286	ug/l #	91
38) Carbon Tetrachloride	8.365	117	286044	50.121	ug/l	97
39) Methylcyclohexane	9.606	83	290903	51.102	ug/l #	86
40) Benzene	8.612	78	853786	50.547	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	159504	53.912	ug/l #	83
42) 1,2-Dichloroethane	8.671	62	304186	49.584	ug/l	98
43) Isopropyl Acetate	8.694	43	467191	51.517	ug/l #	91
44) Trichloroethene	9.359	130	200352	48.967	ug/l	99
45) 1,2-Dichloropropane	9.624	63	228898	51.023	ug/l	98
46) Dibromomethane	9.712	93	148304	49.015	ug/l	94
47) Bromodichloromethane	9.894	83	306104	50.431	ug/l	100
48) Methyl methacrylate	9.683	41	224593	53.419	ug/l #	80
49) 1,4-Dioxane	9.700	88	77493	1047.407	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1466210	259.844	ug/l	90
52) Toluene	10.635	92	523727	50.790	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	326746	53.309	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	347265	51.785	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	204469	50.139	ug/l	97
56) Ethyl methacrylate	10.877	69	315632	54.804	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	366134	51.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	565670	266.595	ug/l	88
59) 2-Hexanone	11.200	43	1102816	265.805	ug/l	88
60) Dibromochloromethane	11.365	129	219446	52.003	ug/l	100
61) 1,2-Dibromoethane	11.471	107	209707	51.615	ug/l	96
64) Tetrachloroethene	11.106	164	167731	47.573	ug/l	96
65) Chlorobenzene	11.894	112	545783	49.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	203600	49.810	ug/l	98
67) Ethyl Benzene	11.965	91	1004483	51.831	ug/l	97
68) m/p-Xylenes	12.076	106	749335	104.540	ug/l	94
69) o-Xylene	12.400	106	358820	52.059	ug/l	91
70) Styrene	12.418	104	605175	54.811	ug/l	98
71) Bromoform	12.582	173	149851	51.184	ug/l #	97
73) Isopropylbenzene	12.700	105	924234	47.889	ug/l	99
74) N-amyl acetate	12.500	43	389025	50.680	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	302336	44.250	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	273574m	48.861	ug/l	
77) Bromobenzene	12.982	156	211922	46.694	ug/l	94
78) n-propylbenzene	13.041	91	1098732	49.422	ug/l	97
79) 2-Chlorotoluene	13.129	91	656496	47.373	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	768869	48.874	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	96037	50.071	ug/l #	86
82) 4-Chlorotoluene	13.223	91	651049	48.911	ug/l	98
83) tert-Butylbenzene	13.441	119	623245	48.340	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	767442	50.567	ug/l	99
85) sec-Butylbenzene	13.618	105	892010	49.601	ug/l	100
86) p-Isopropyltoluene	13.735	119	733521	51.211	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	378813	49.336	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	374781	48.998	ug/l	99
89) n-Butylbenzene	14.059	91	610107	53.612	ug/l	97
90) Hexachloroethane	14.335	117	141444	46.736	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	368661	49.366	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	51571	48.942	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	135792	61.003	ug/l	97
94) Hexachlorobutadiene	15.506	225	91546	46.351	ug/l	98
95) Naphthalene	15.647	128	381522	59.038	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	140877	56.675	ug/l	98

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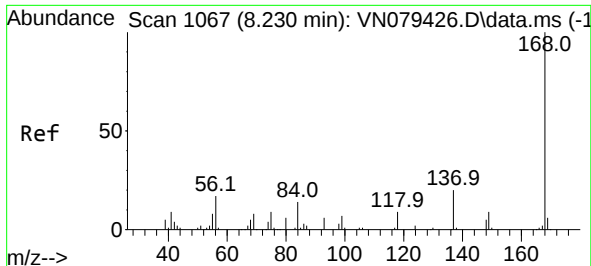
Manual Integrations
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Response via : Initial Calibration

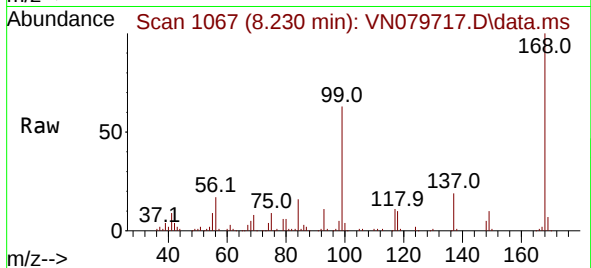
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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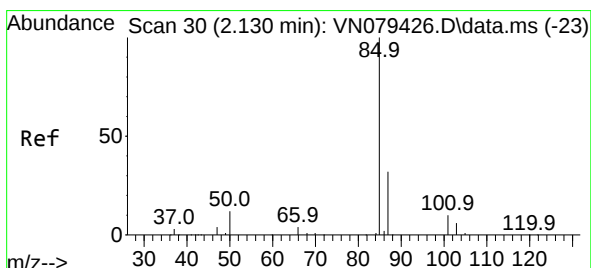
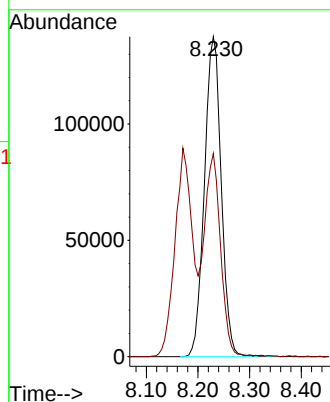
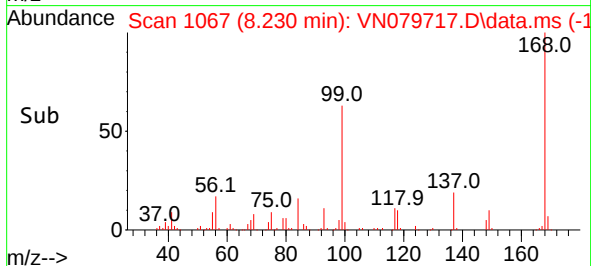
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 31096
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6

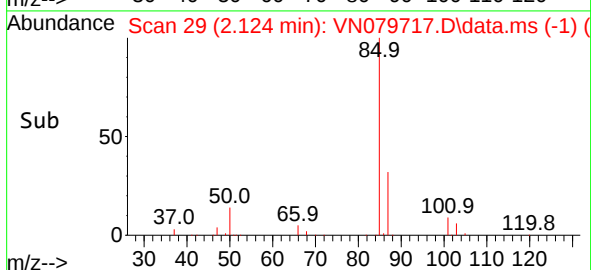
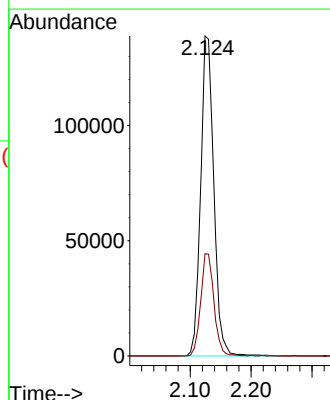
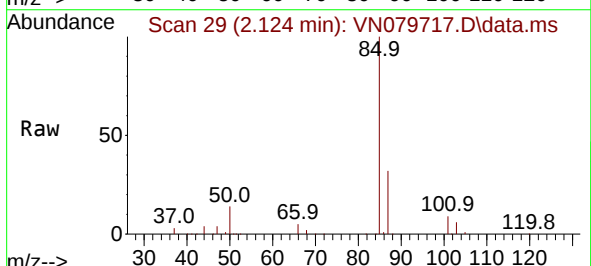
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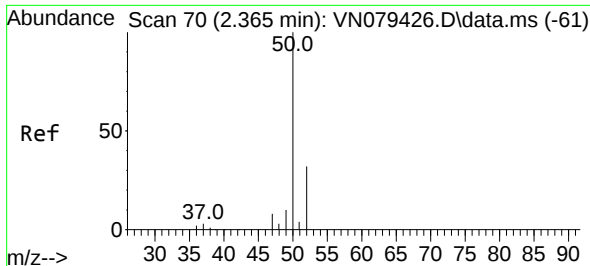
Reviewed By :John Carlone 10/31/2023
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#2
Dichlorodifluoromethane
Concen: 50.843 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

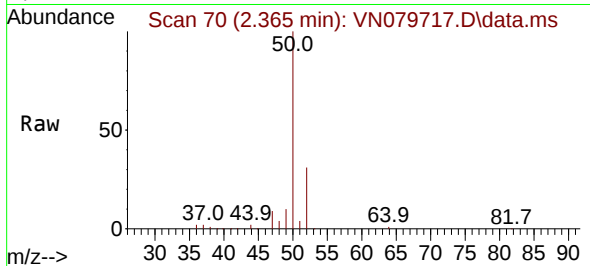
Tgt Ion: 85 Resp: 208710
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 48.257 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

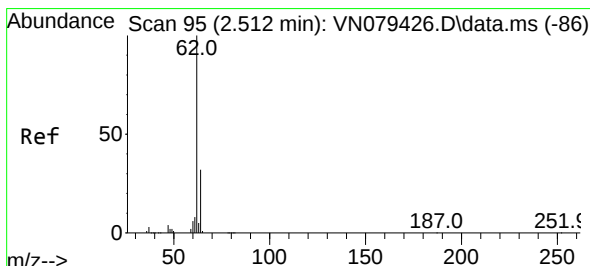
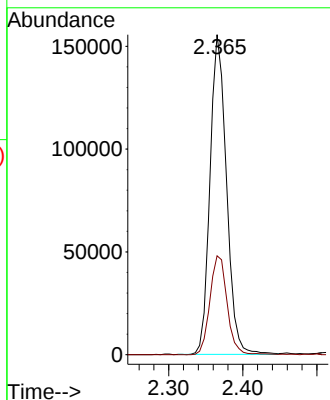
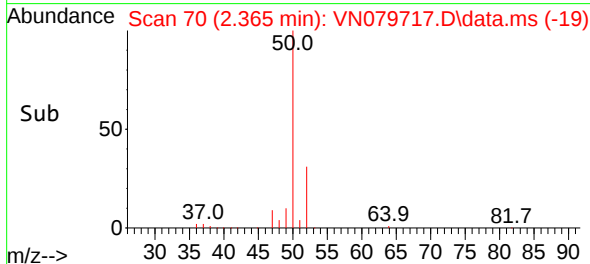
Instrument :
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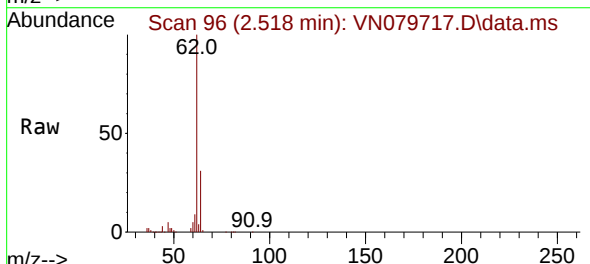
Tgt Ion: 50 Resp: 239979
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

Manual Integrations
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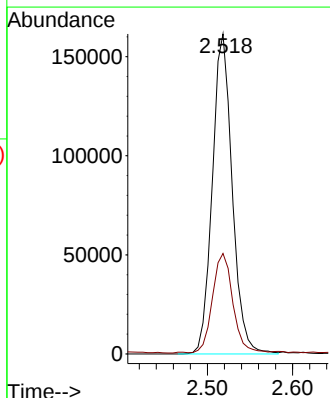
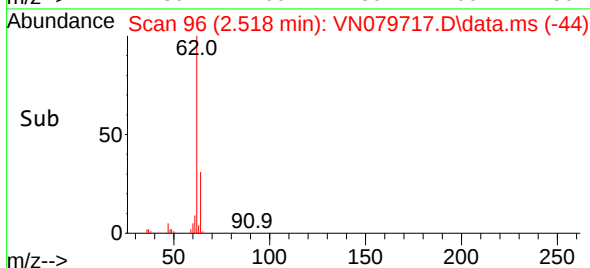
Reviewed By :John Carlone 10/31/2023
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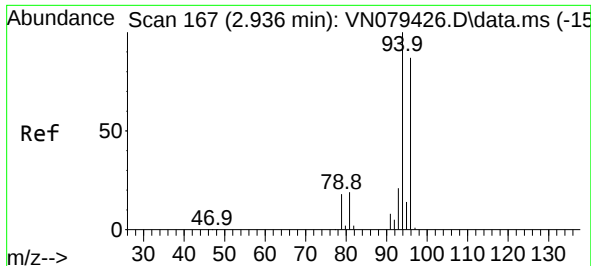


#4
Vinyl Chloride
Concen: 48.878 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion: 62 Resp: 261773
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5

Bromomethane

Concen: 46.244 ug/l

RT: 2.948 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 94 Resp: 162574

Ion Ratio Lower Upper

94 100

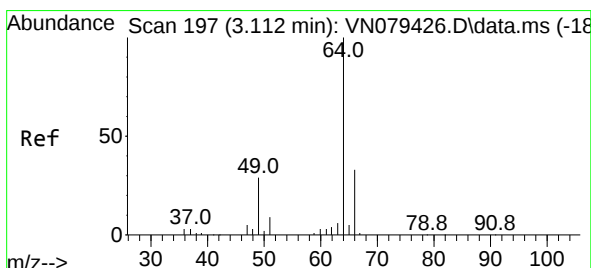
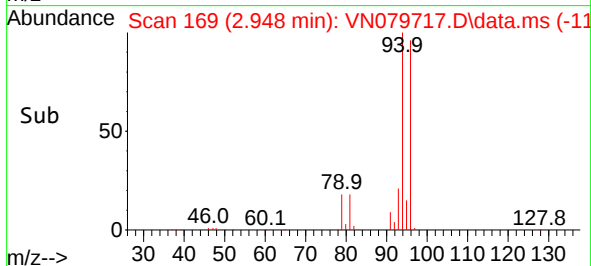
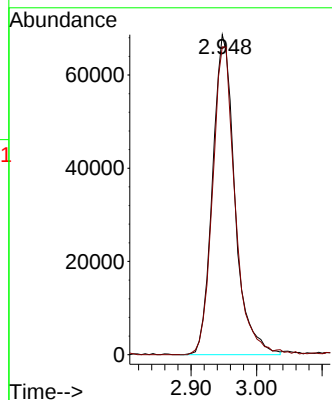
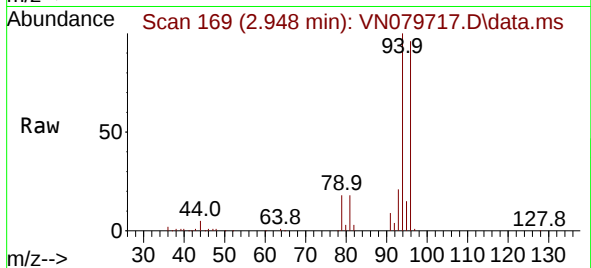
96 96.2 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 44.808 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN079717.D

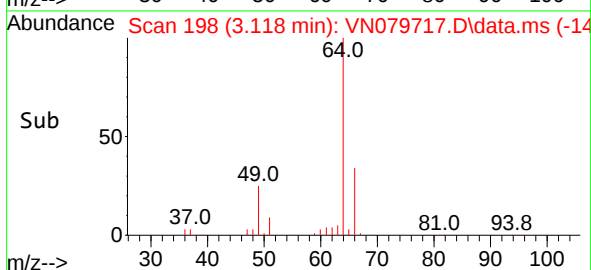
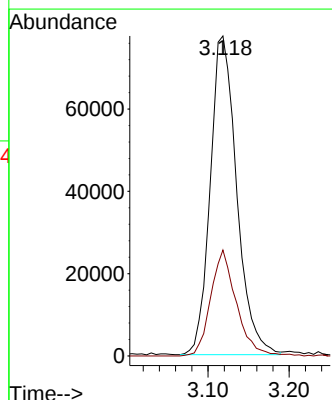
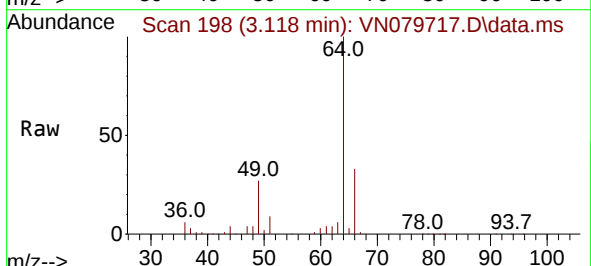
Acq: 30 Oct 2023 10:34

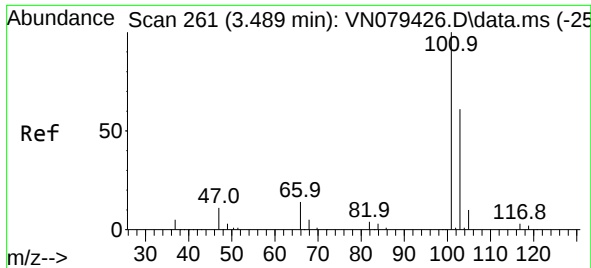
Tgt Ion: 64 Resp: 175799

Ion Ratio Lower Upper

64 100

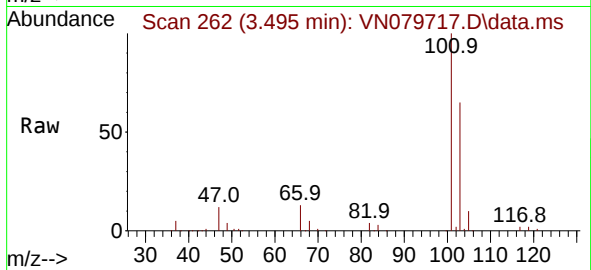
66 33.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 48.350 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34

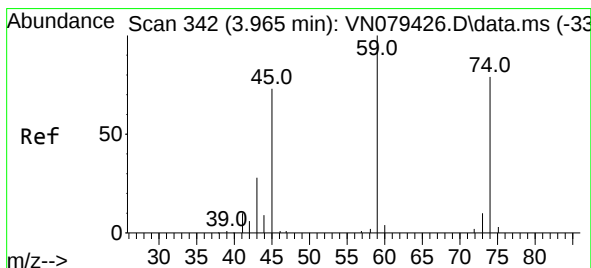
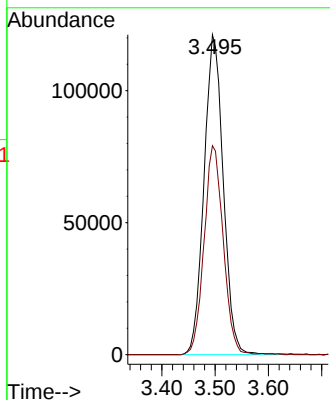
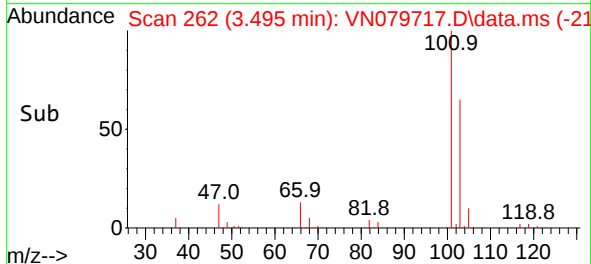
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 30450
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.7 76.1

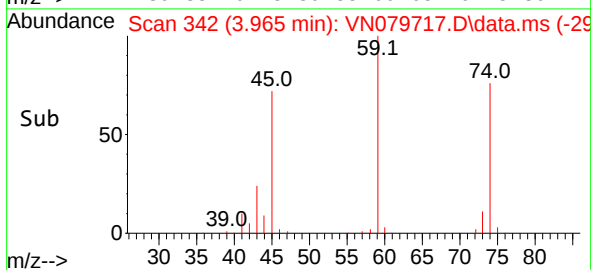
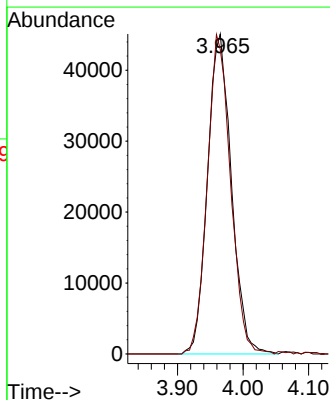
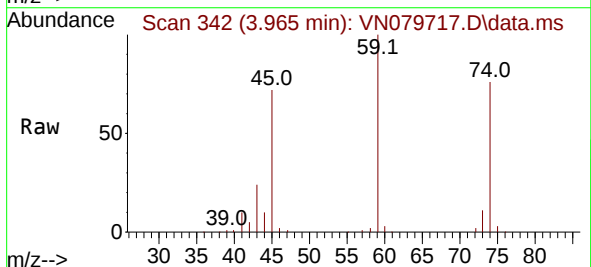
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#8
 Diethyl Ether
 Concen: 50.153 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079717.D
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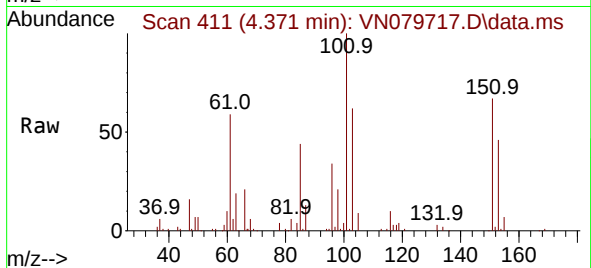
Tgt Ion: 74 Resp: 114305
 Ion Ratio Lower Upper
 74 100
 45 97.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.191 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079717.D
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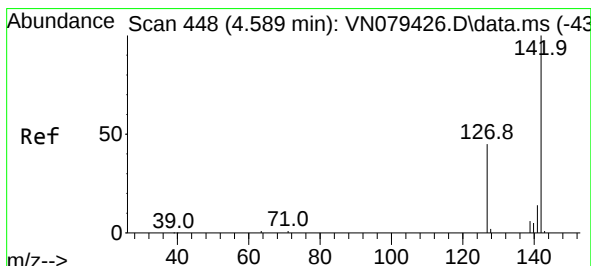
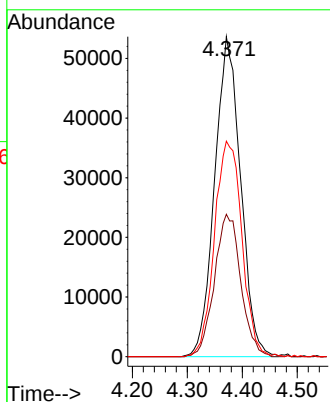
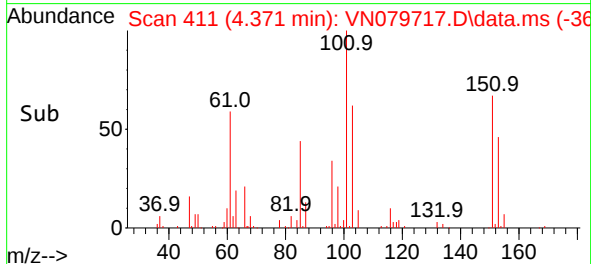
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 17578
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 71.3 57.6 86.4

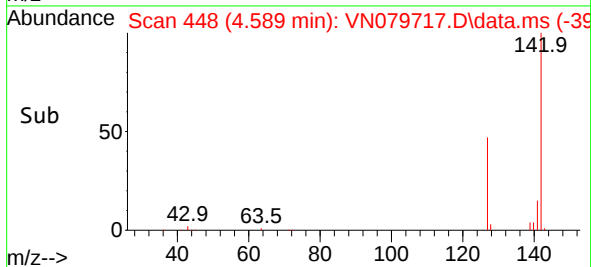
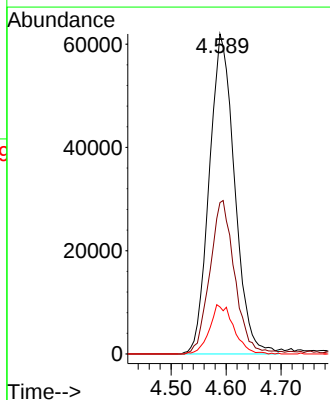
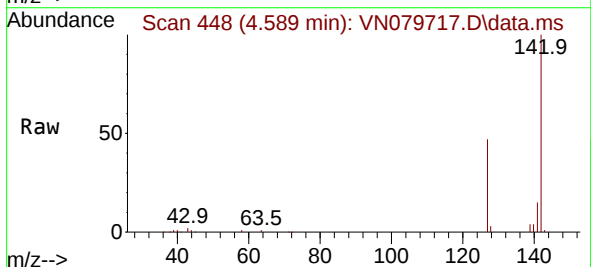
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 54.161 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

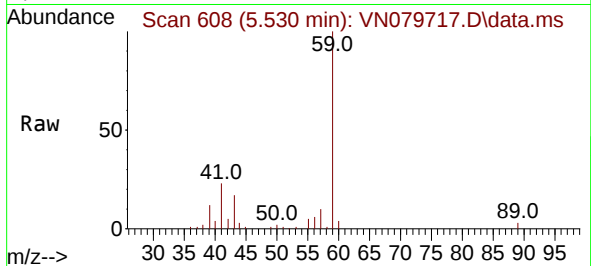
Tgt Ion:142 Resp: 198834
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 14.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 243.674 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

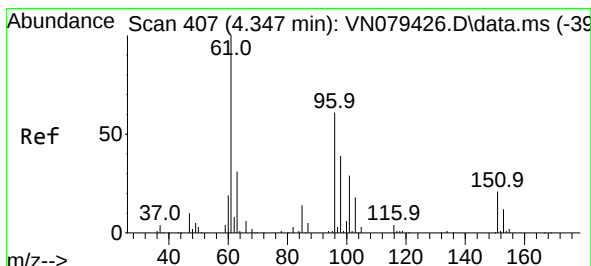
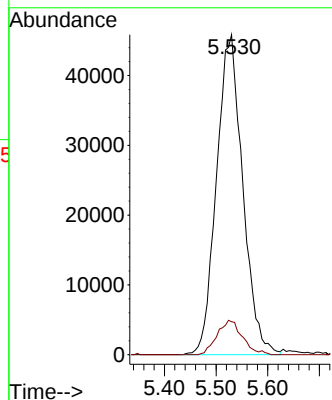
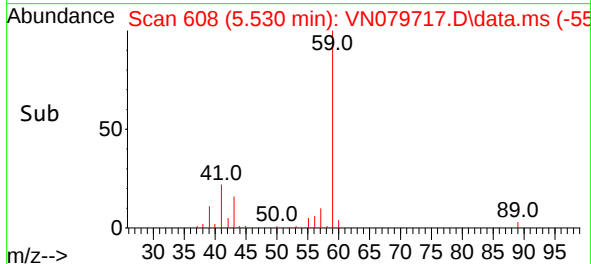
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



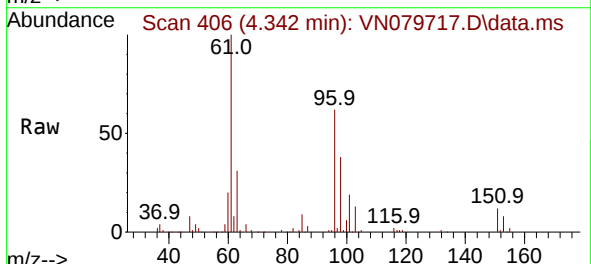
Tgt Ion: 59 Resp: 161390
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

Manual Integrations
APPROVED

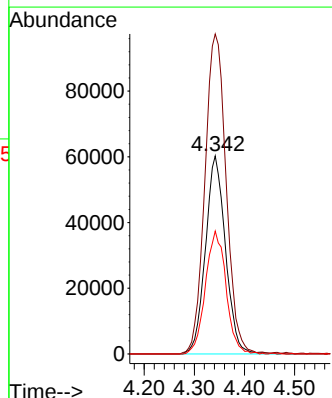
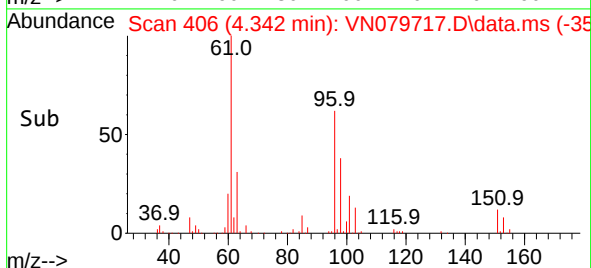
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

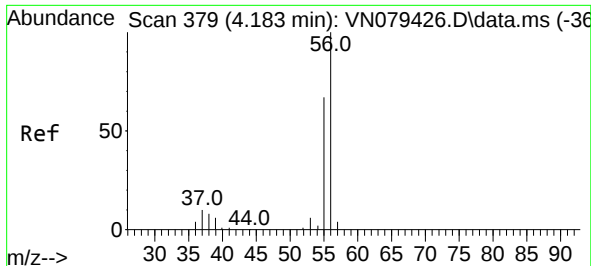


#12
1,1-Dichloroethene
Concen: 48.989 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion: 96 Resp: 167373
Ion Ratio Lower Upper
96 100
61 161.6 112.7 169.1
98 62.1 51.2 76.8





#13

Acrolein

Concen: 240.715 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 16038

Ion Ratio Lower Upper

56 100

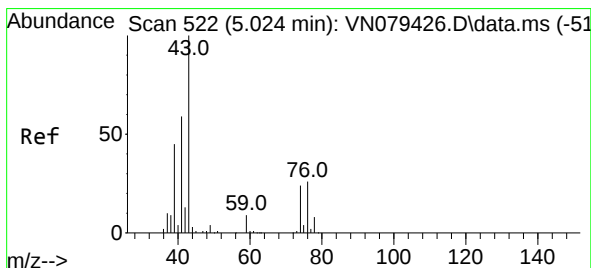
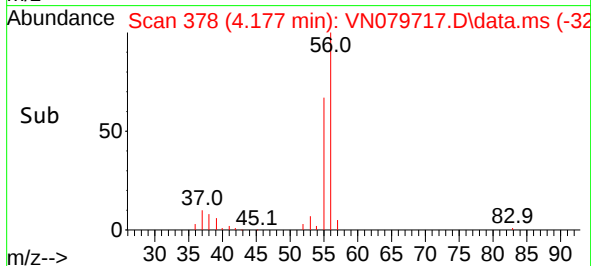
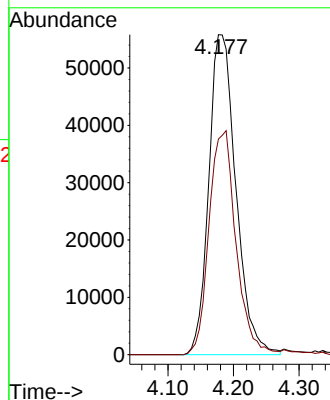
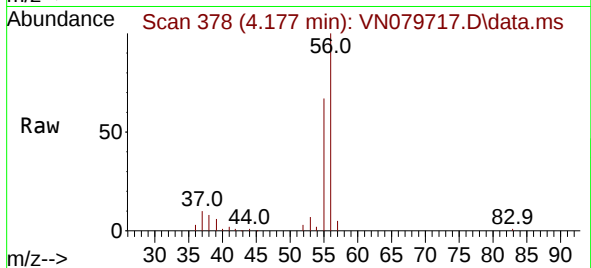
55 69.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#14

Allyl chloride

Concen: 46.355 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

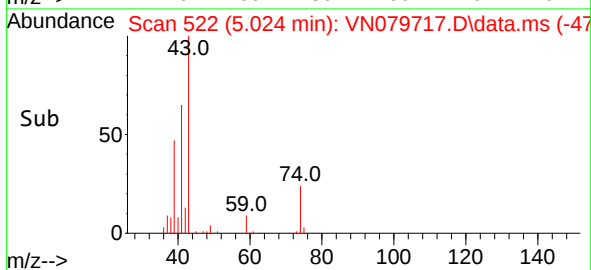
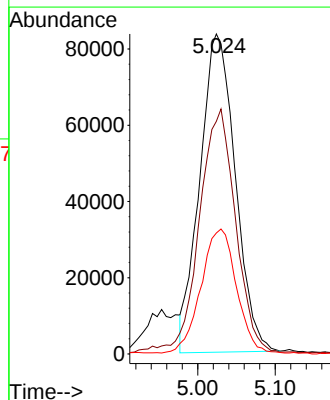
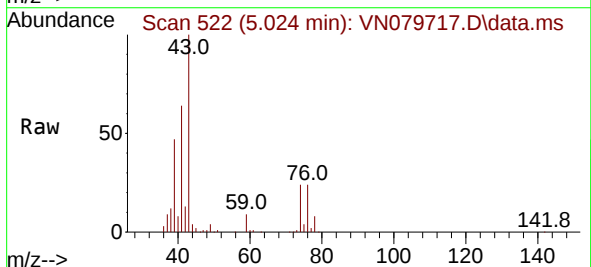
Tgt Ion: 41 Resp: 265593

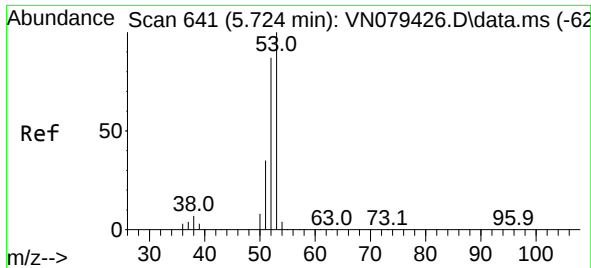
Ion Ratio Lower Upper

41 100

39 80.0 58.8 88.2

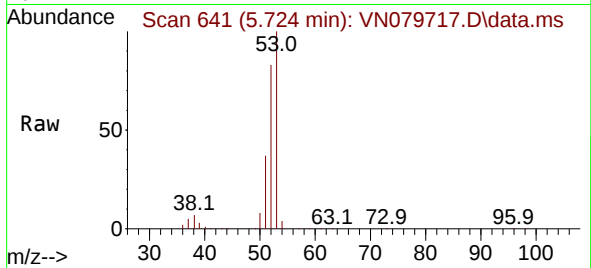
76 38.8 39.1 58.7#





#15
Acrylonitrile
Concen: 252.964 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

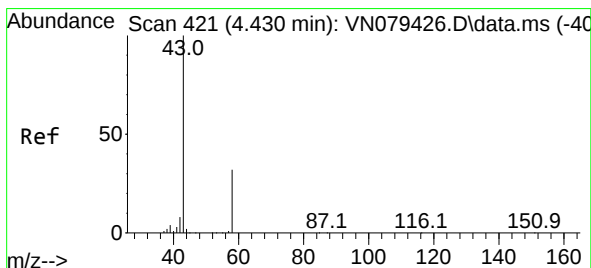
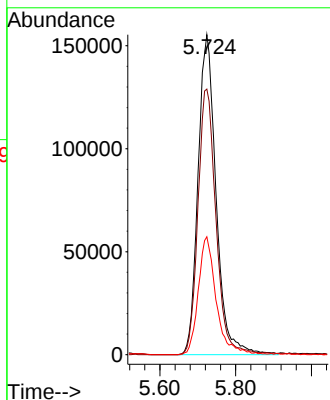
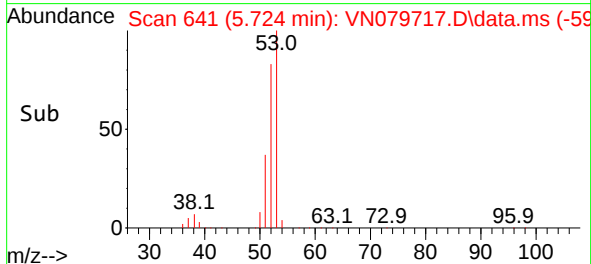
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 515574
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.6 28.9 43.3

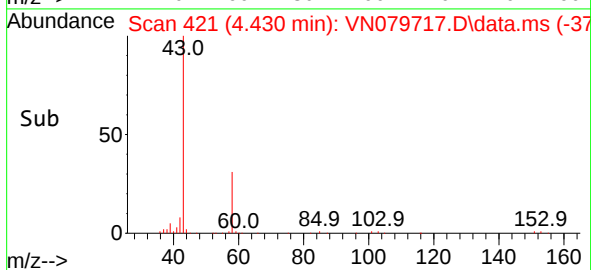
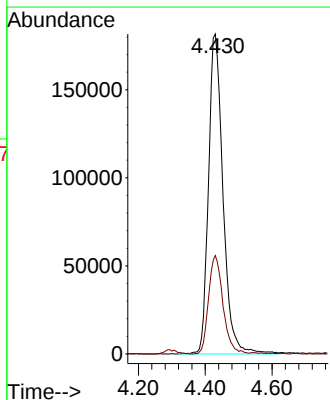
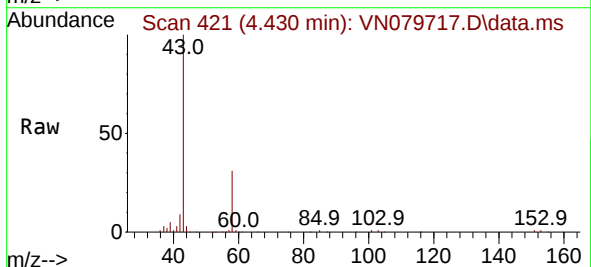
Manual Integrations
APPROVED

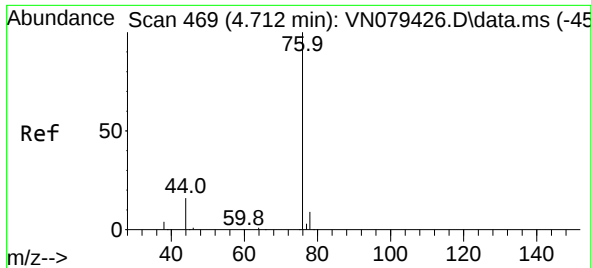
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#16
Acetone
Concen: 256.148 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

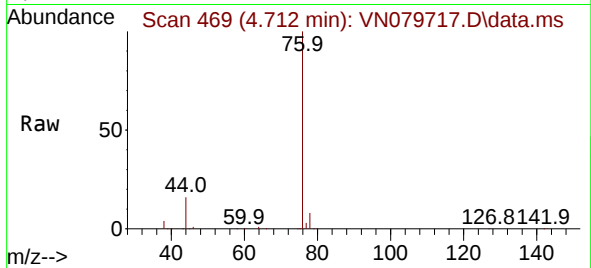
Tgt Ion: 43 Resp: 547249
Ion Ratio Lower Upper
43 100
58 30.6 28.0 42.0





#17
Carbon Disulfide
Concen: 47.754 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

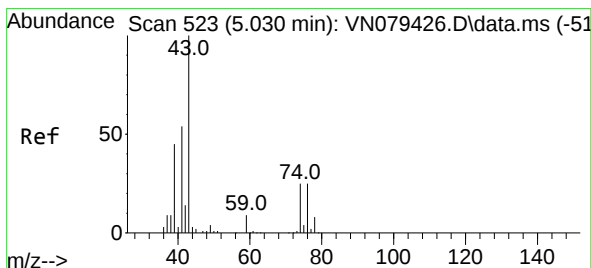
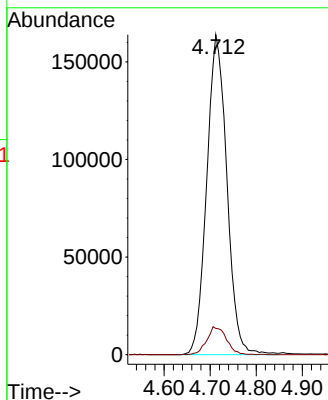
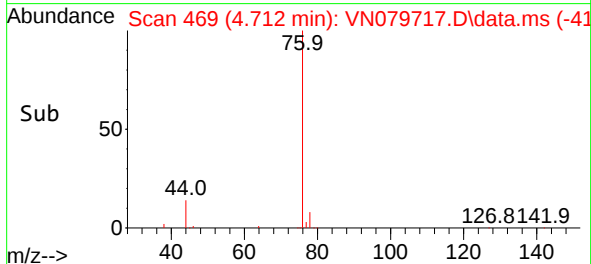
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 498227
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

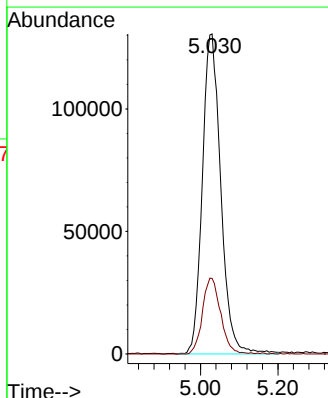
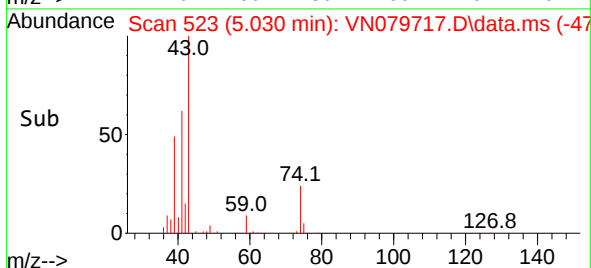
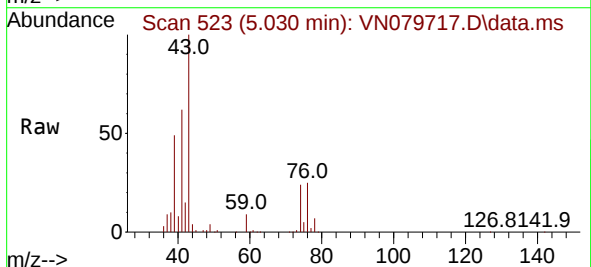
Manual Integrations
APPROVED

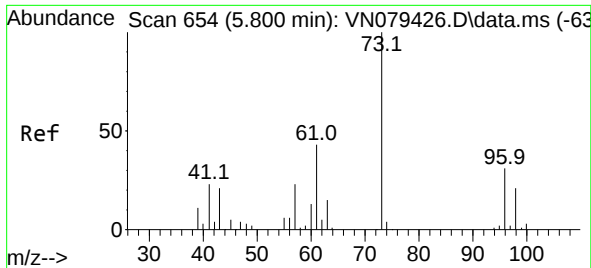
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 50.115 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Tgt Ion: 43 Resp: 431968
Ion Ratio Lower Upper
43 100
74 23.2 26.2 39.4#





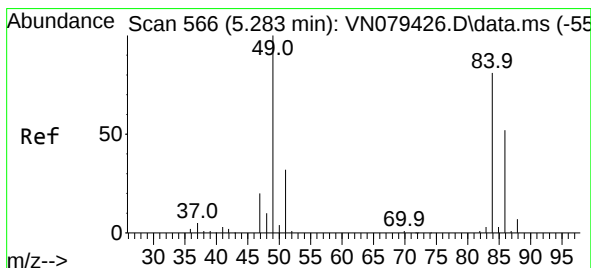
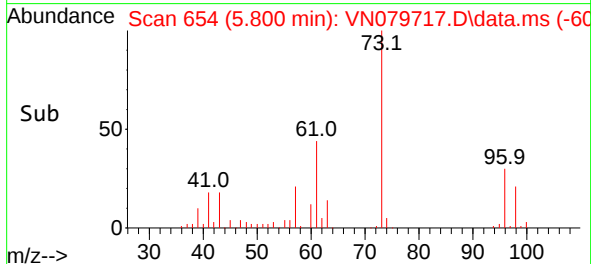
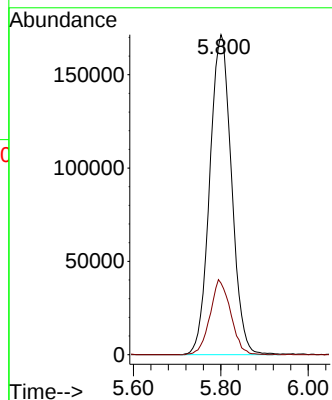
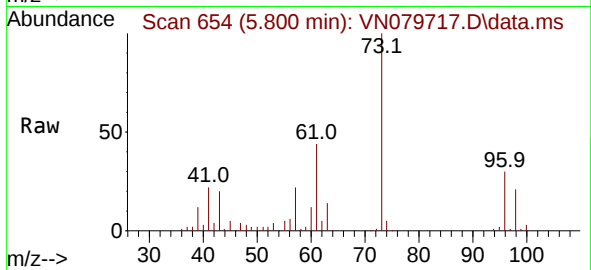
#19
Methyl tert-butyl Ether
Concen: 51.327 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 59333
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4

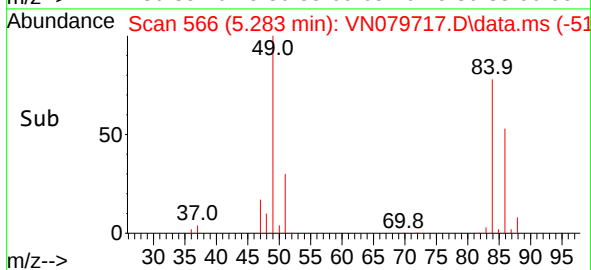
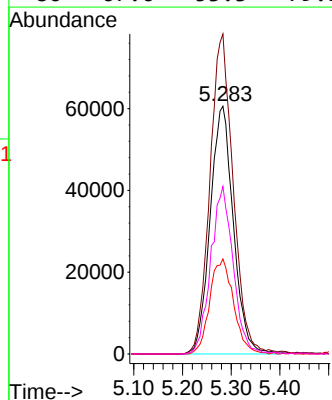
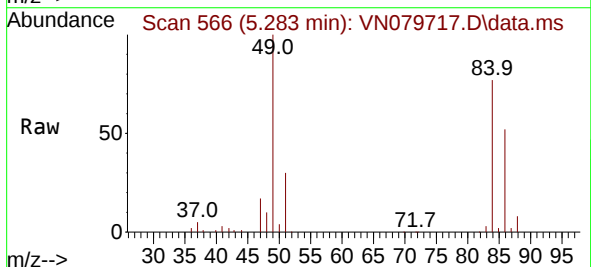
Manual Integrations
APPROVED

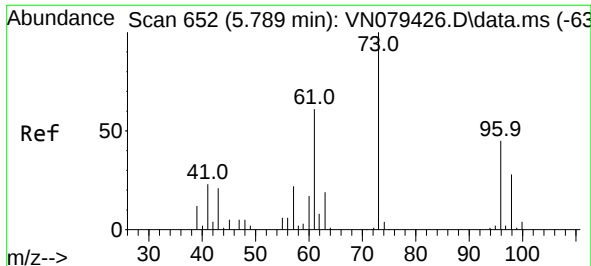
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 47.419 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

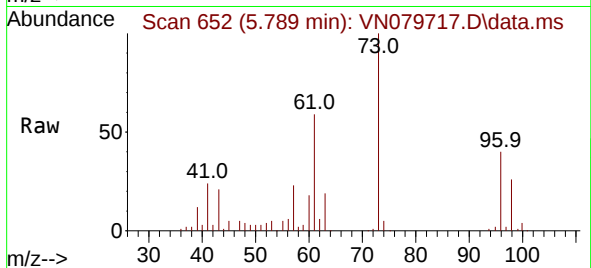
Tgt Ion: 84 Resp: 200613
Ion Ratio Lower Upper
84 100
49 129.2 79.7 119.5#
51 38.3 25.2 37.8#
86 67.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.346 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

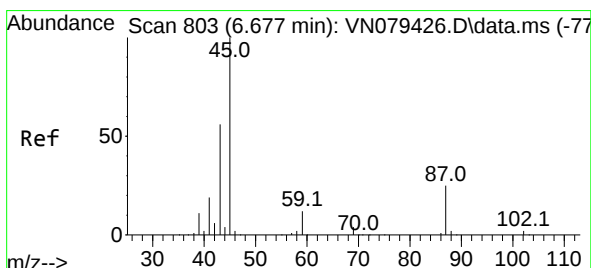
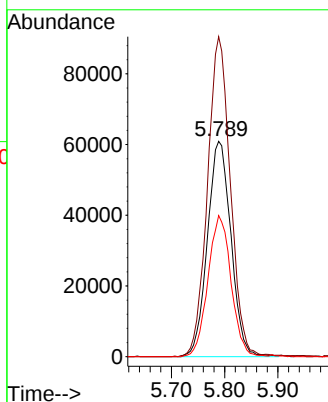
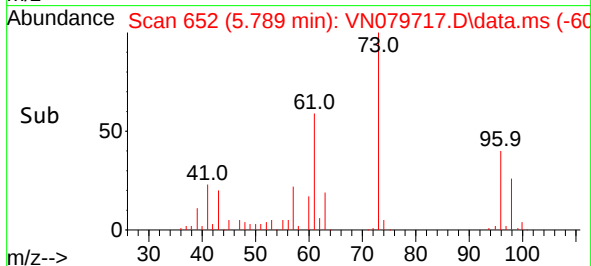
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



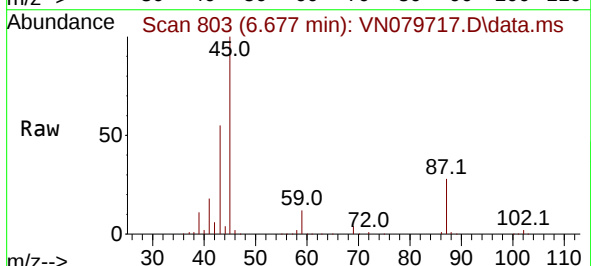
Tgt Ion: 96 Resp: 18748
Ion Ratio Lower Upper
96 100
61 148.5 90.1 135.1
98 65.5 46.4 69.6

Manual Integrations
APPROVED

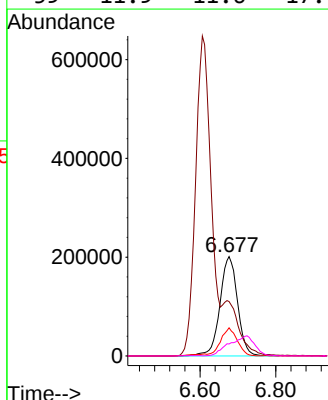
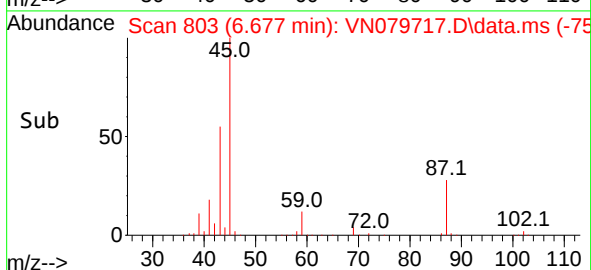
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

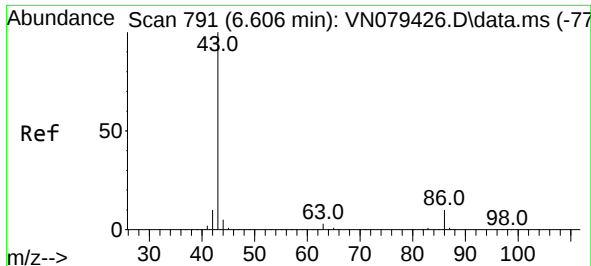


#22
Diisopropyl ether
Concen: 50.626 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



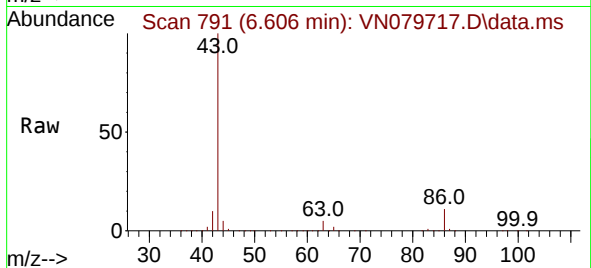
Tgt Ion: 45 Resp: 652121
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 28.3 31.8 47.8
59 11.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 264.187 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34

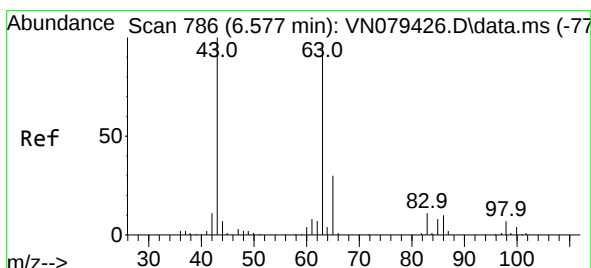
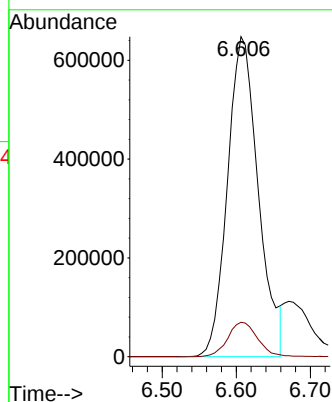
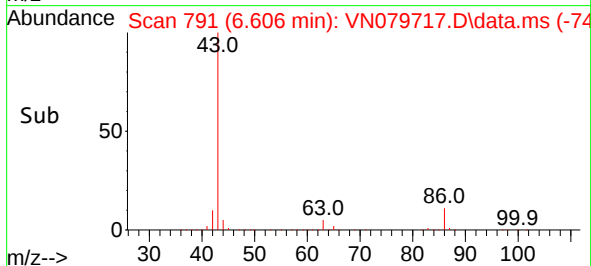
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



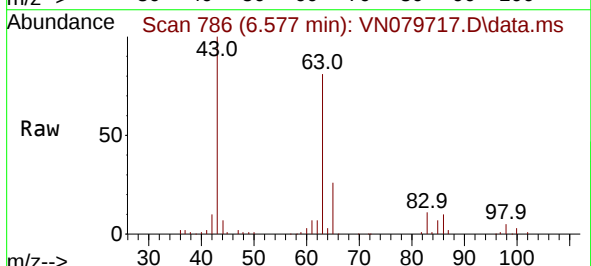
Tgt Ion: 43 Resp: 187356
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

Manual Integrations
 APPROVED

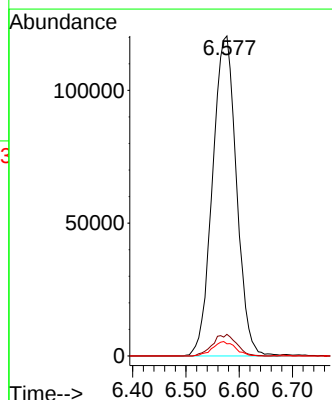
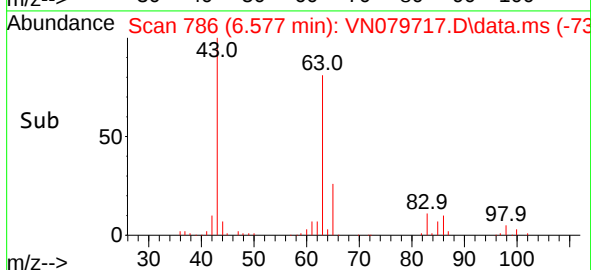
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

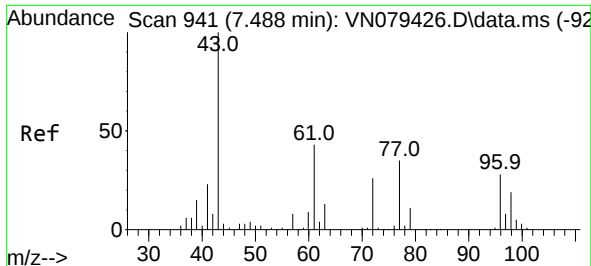


#24
 1,1-Dichloroethane
 Concen: 48.709 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34



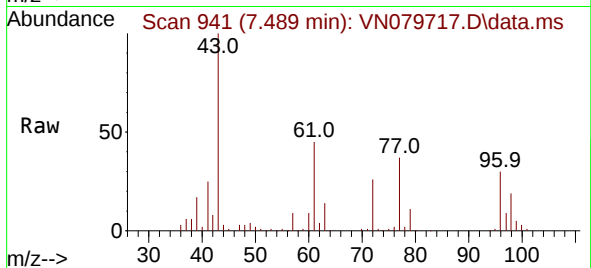
Tgt Ion: 63 Resp: 375970
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 256.460 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

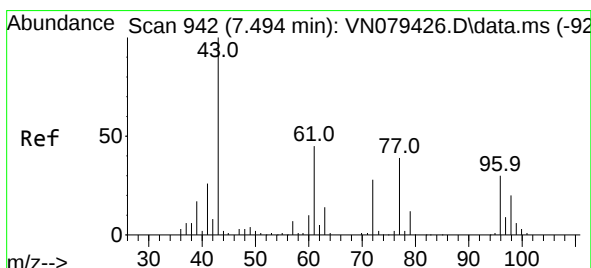
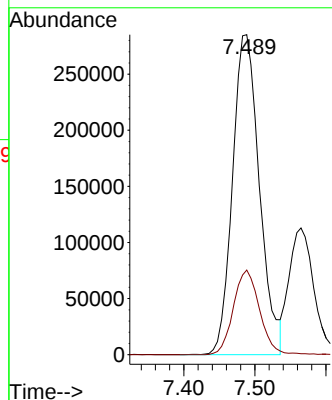
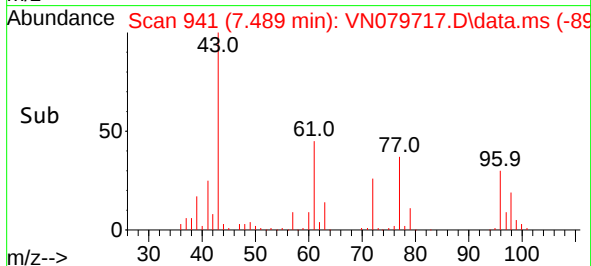
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 75262
Ion Ratio Lower Upper
43 100
72 26.5 30.2 45.2

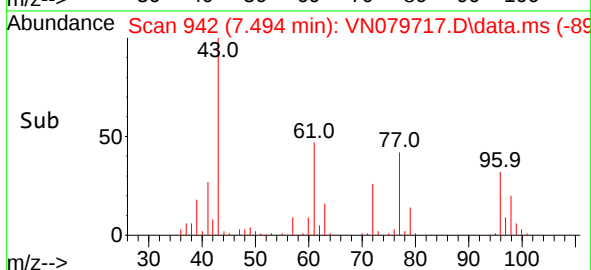
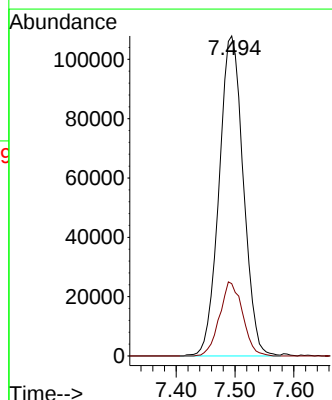
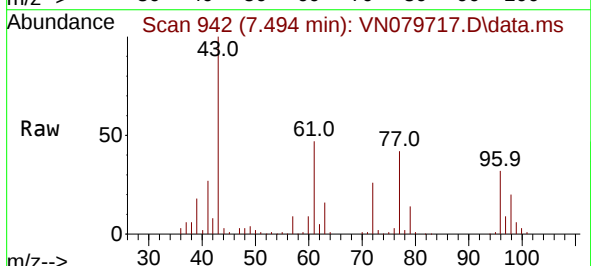
Manual Integrations
APPROVED

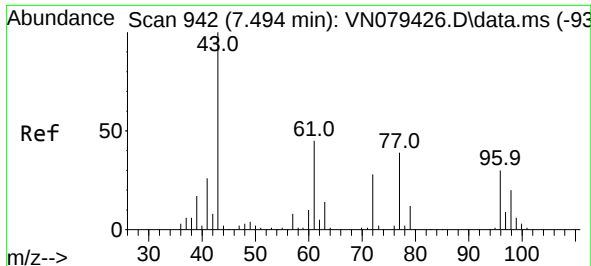
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#26
2,2-Dichloropropane
Concen: 49.463 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

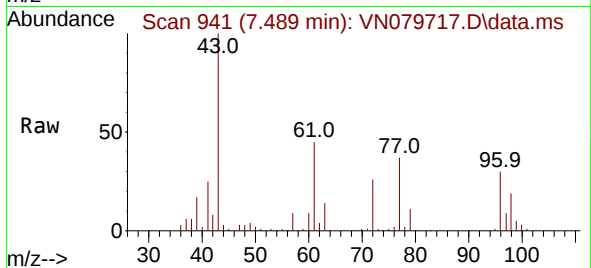
Tgt Ion: 77 Resp: 308934
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 50.390 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

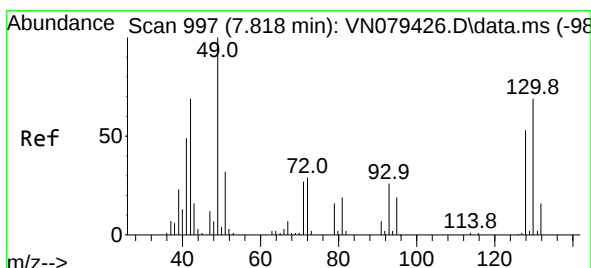
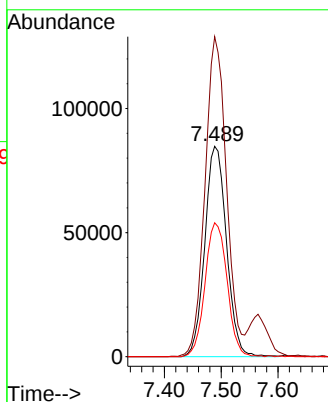
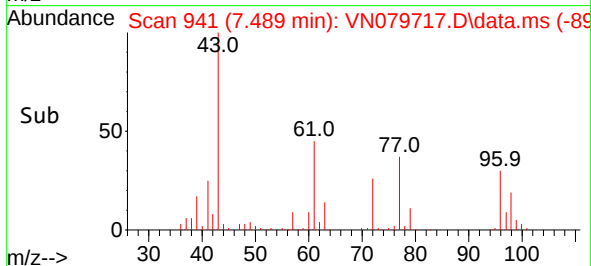
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 224992
Ion Ratio Lower Upper
96 100
61 150.9 0.0 255.2
98 64.6 0.0 128.8

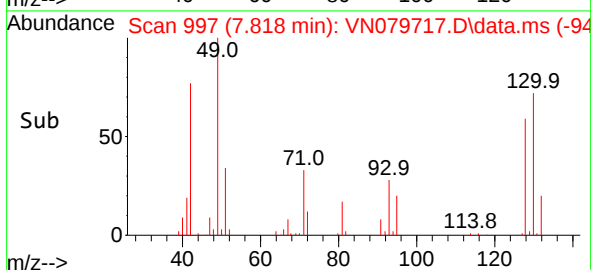
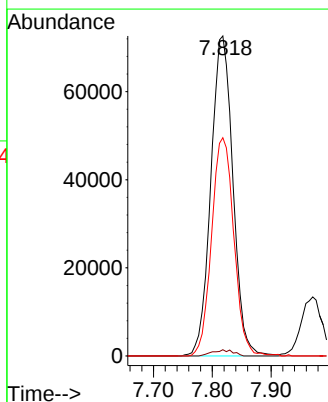
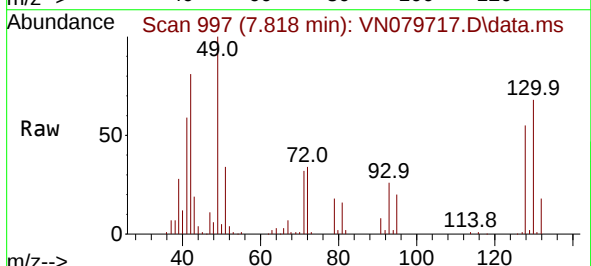
Manual Integrations
APPROVED

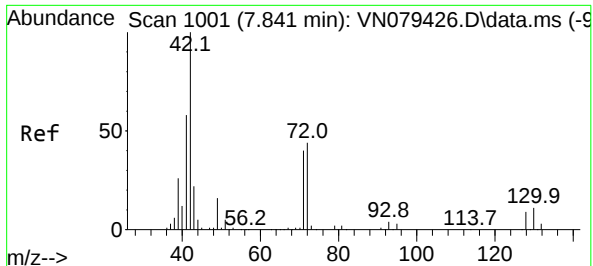
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#28
Bromochloromethane
Concen: 50.191 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Tgt Ion: 49 Resp: 189493
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 68.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 260.136 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 46638

Ion Ratio Lower Upper

42 100

72 43.2 49.8 74.6

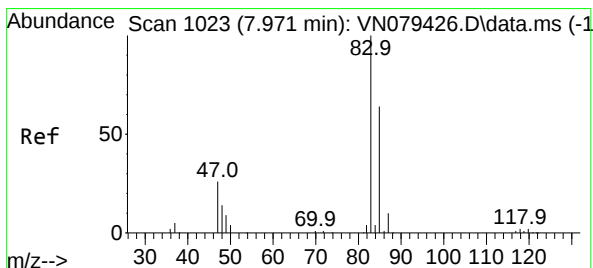
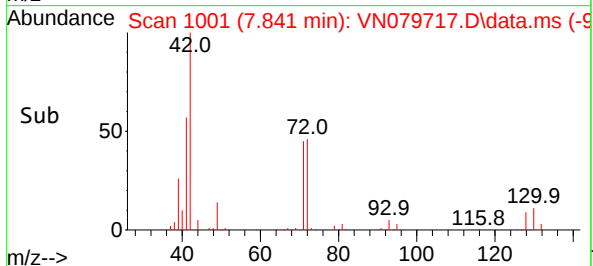
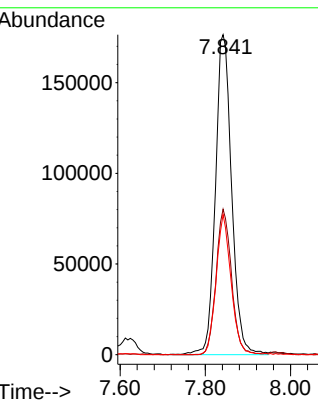
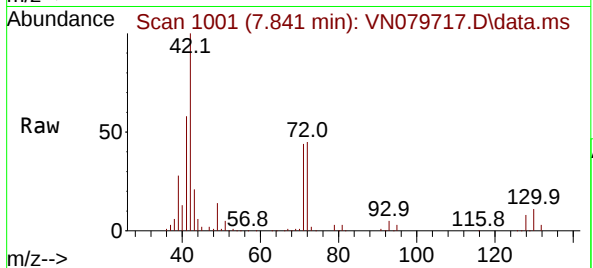
71 40.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 48.623 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079717.D

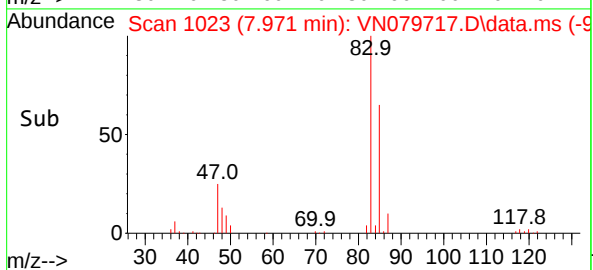
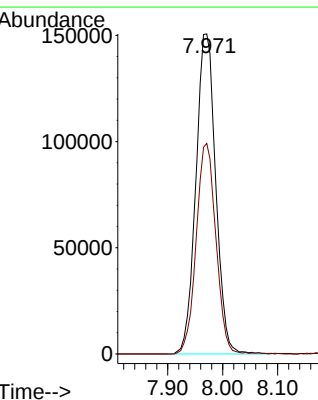
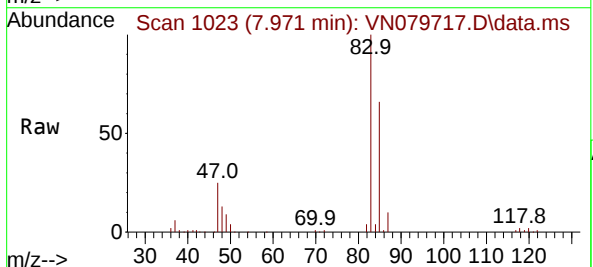
Acq: 30 Oct 2023 10:34

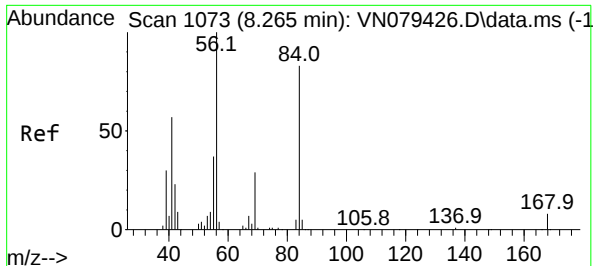
Tgt Ion: 83 Resp: 377917

Ion Ratio Lower Upper

83 100

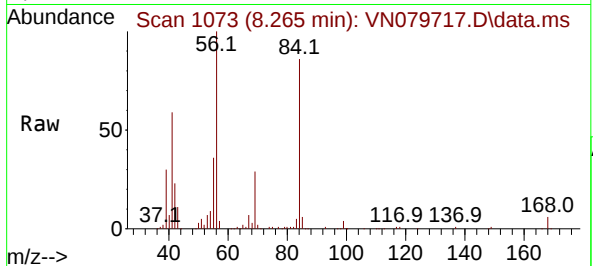
85 65.8 55.4 83.0





#31
Cyclohexane
Concen: 46.620 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

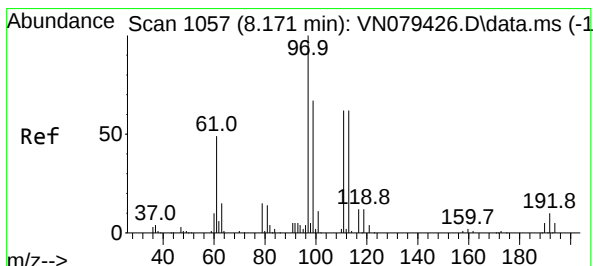
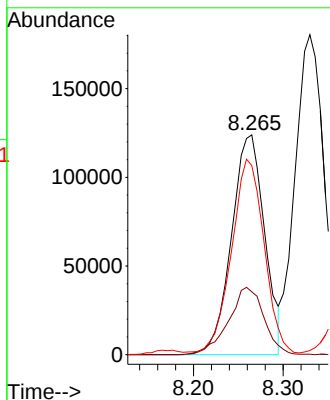
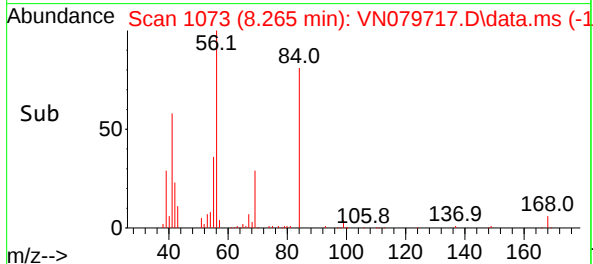
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



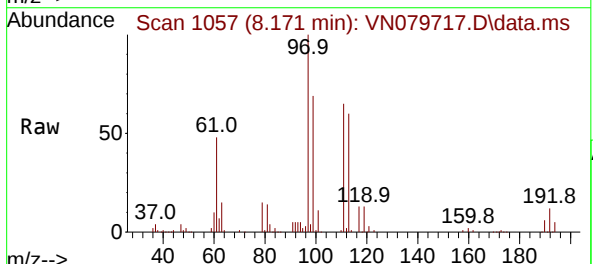
Tgt Ion: 56 Resp: 31761
Ion Ratio Lower Upper
56 100
69 28.6 26.8 40.2
84 84.6 81.8 122.6

Manual Integrations
APPROVED

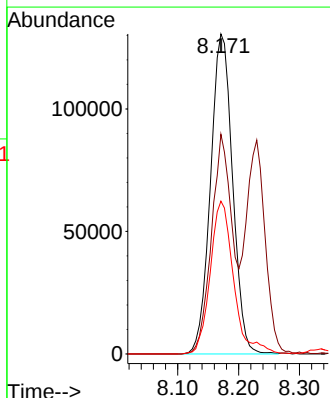
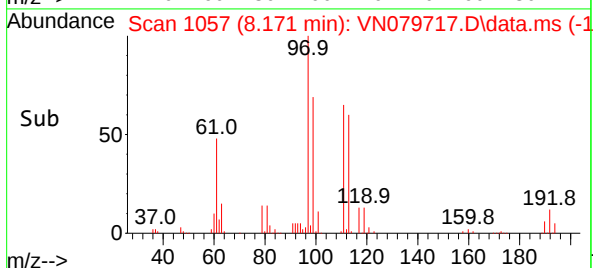
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

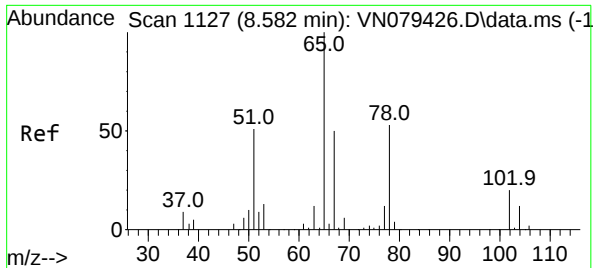


#32
1,1,1-Trichloroethane
Concen: 48.763 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion: 97 Resp: 328552
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 50.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.481 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 247099

Ion Ratio Lower Upper

65 100

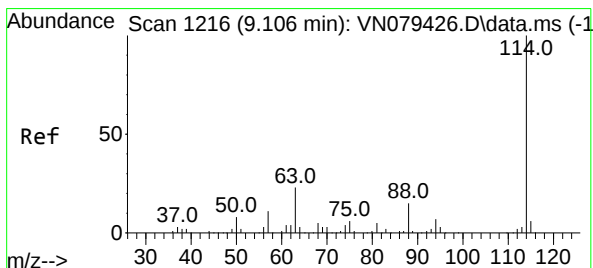
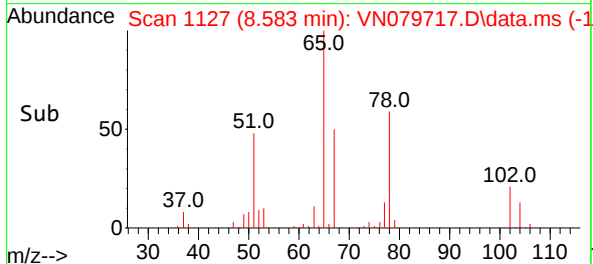
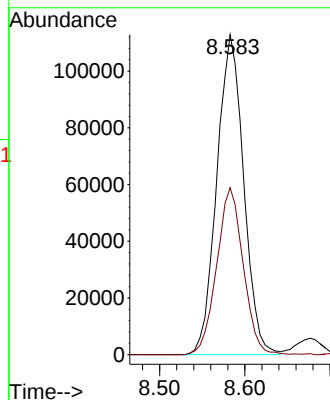
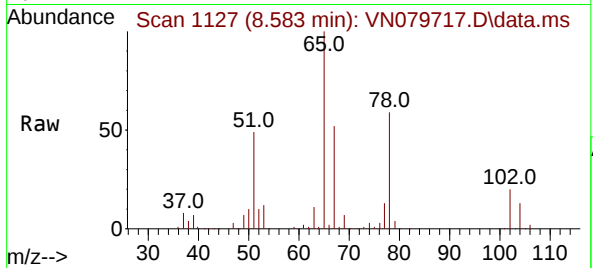
67 51.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

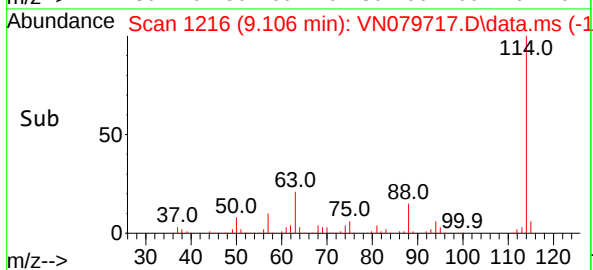
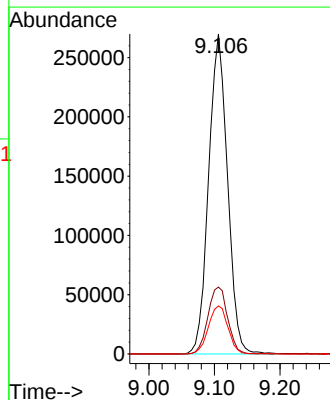
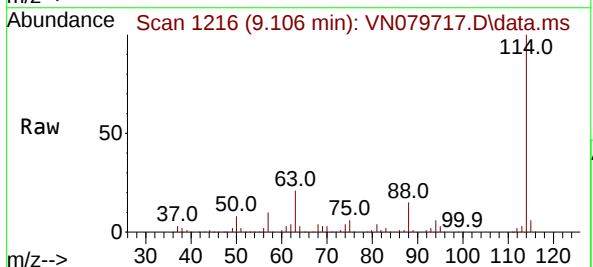
Tgt Ion:114 Resp: 539877

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.134 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 193402

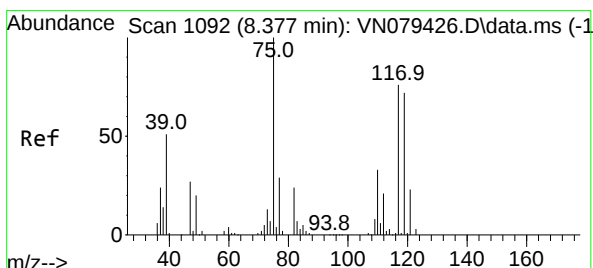
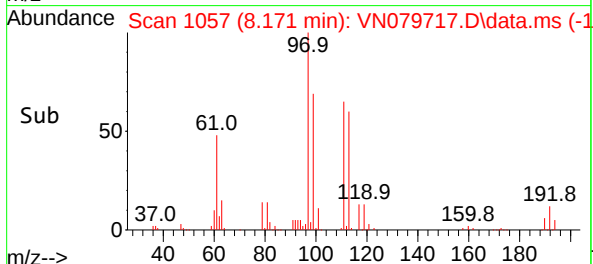
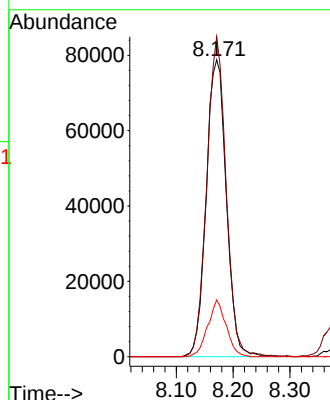
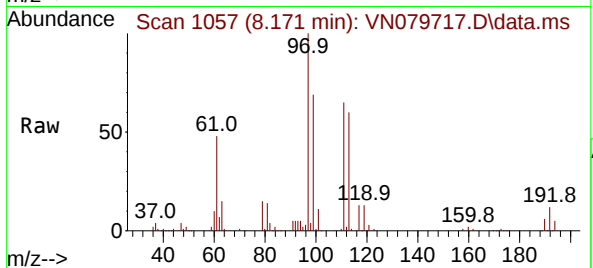
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	17.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#36

1,1-Dichloropropene

Concen: 50.572 ug/l

RT: 8.377 min Scan# 1092

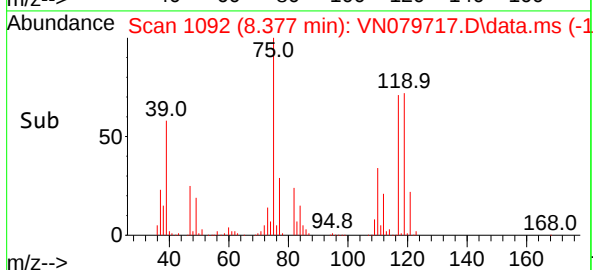
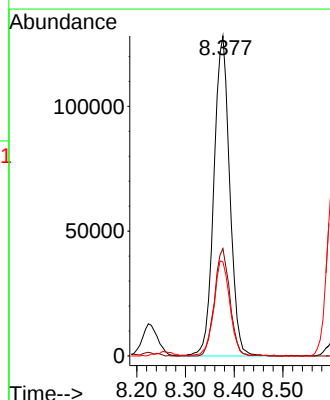
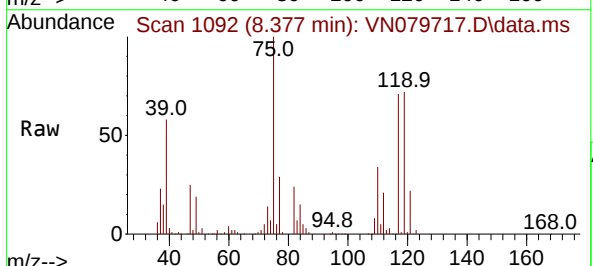
Delta R.T. -0.000 min

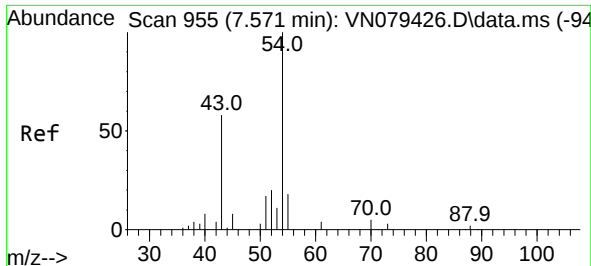
Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Tgt Ion: 75 Resp: 289420

Ion	Ratio	Lower	Upper
75	100		
110	32.7	19.1	57.3
77	30.2	25.0	37.4





#37

Ethyl Acetate

Concen: 49.286 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 27957

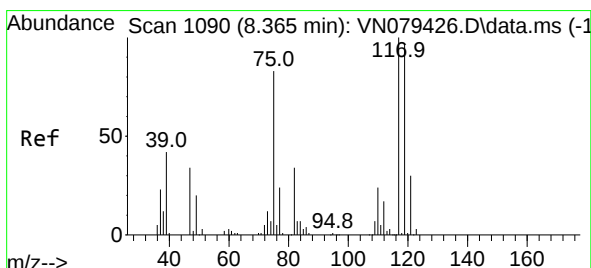
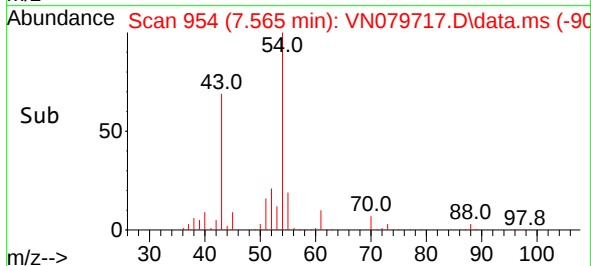
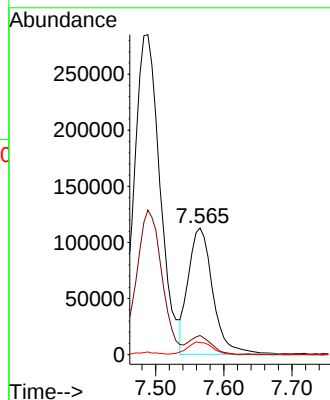
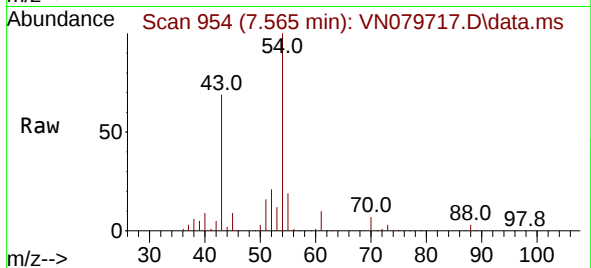
Ion	Ratio	Lower	Upper
43	100		
61	13.0	13.2	19.8
70	10.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 50.121 ug/l

RT: 8.365 min Scan# 1090

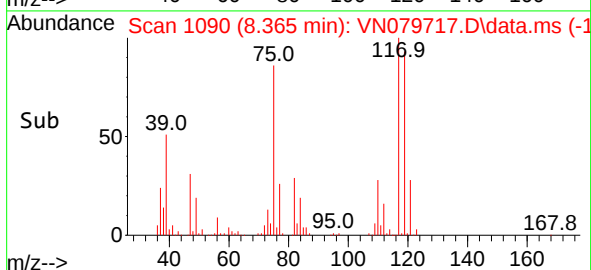
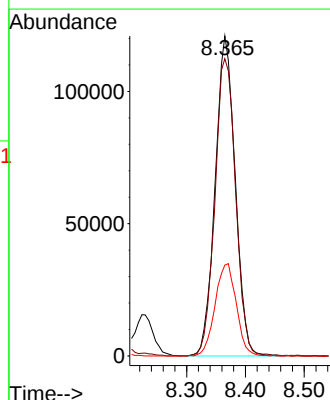
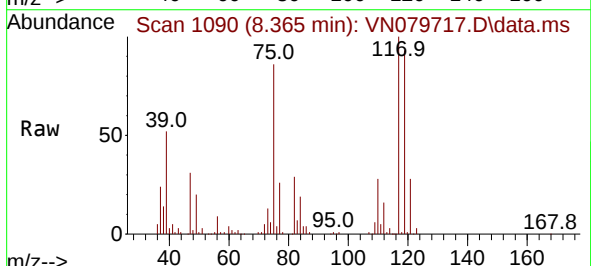
Delta R.T. -0.000 min

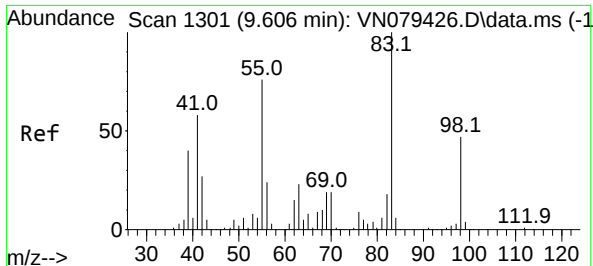
Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Tgt Ion:117 Resp: 286044

Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.3	115.9
121	28.4	23.3	34.9





#39

Methylcyclohexane

Concen: 51.102 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 29090

Ion Ratio Lower Upper

83 100

55 78.8 49.1 73.7

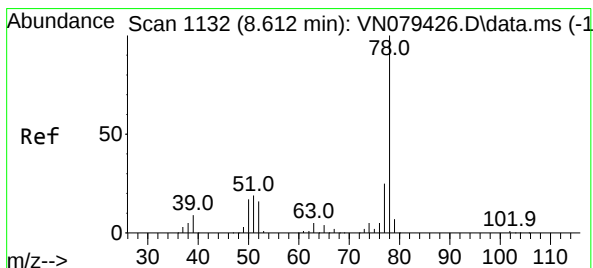
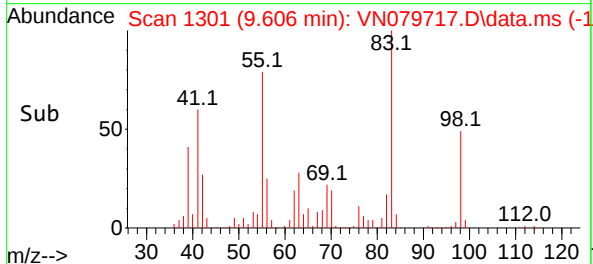
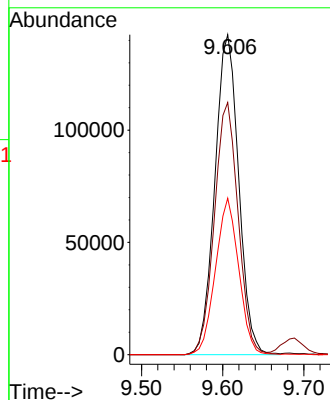
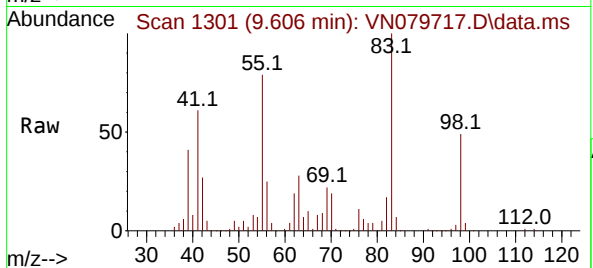
98 48.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 50.547 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079717.D

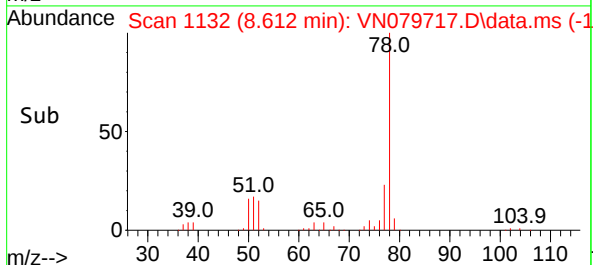
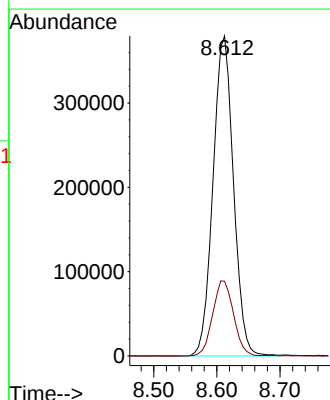
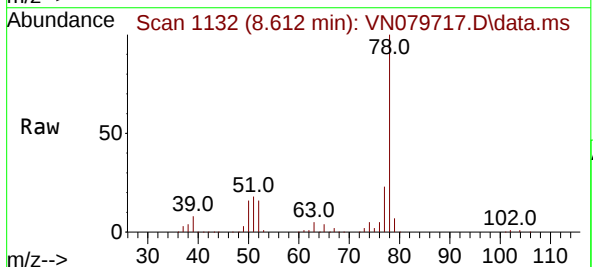
Acq: 30 Oct 2023 10:34

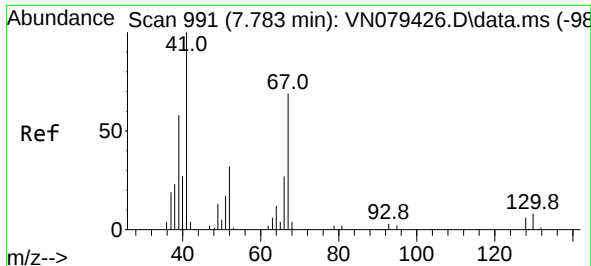
Tgt Ion: 78 Resp: 853786

Ion Ratio Lower Upper

78 100

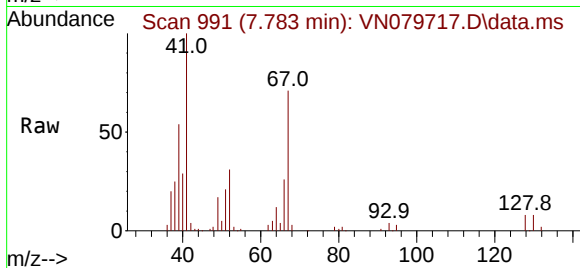
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 53.912 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

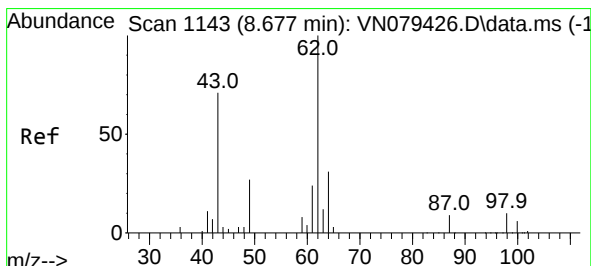
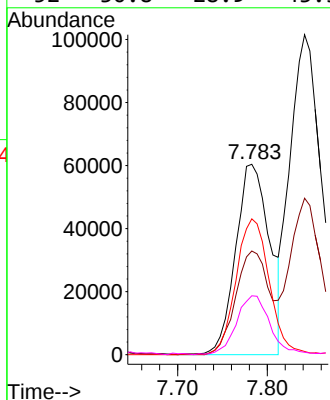
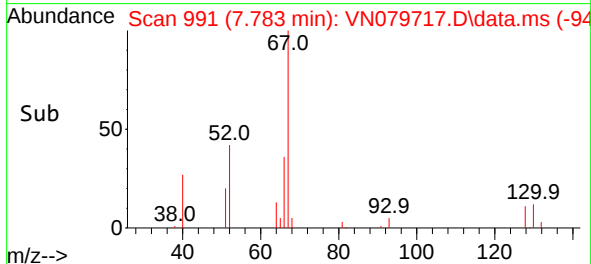
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



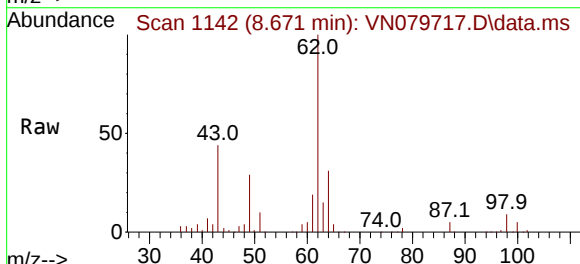
Tgt Ion: 41 Resp: 159504
Ion Ratio Lower Upper
41 100
39 50.9 42.6 64.0
67 70.2 77.5 116.3
52 30.8 28.9 43.3

Manual Integrations
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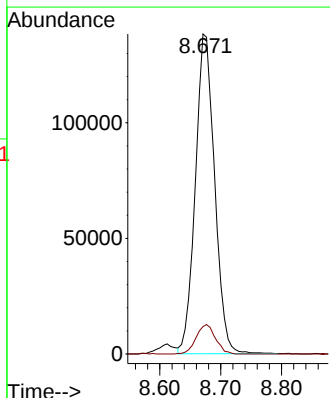
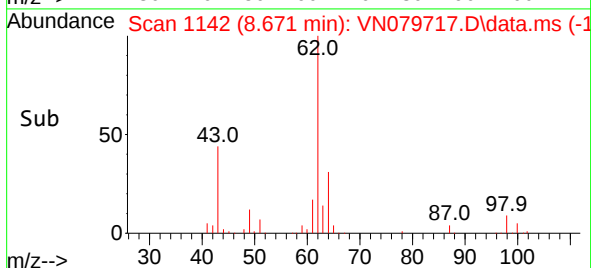
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

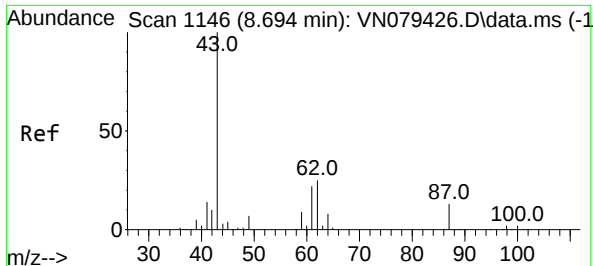


#42
1,2-Dichloroethane
Concen: 49.584 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion: 62 Resp: 304186
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 51.517 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 46719

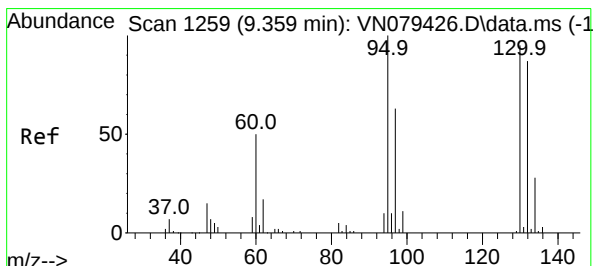
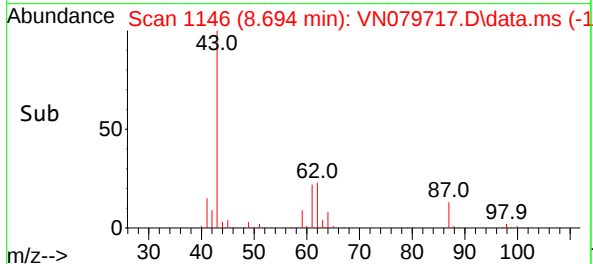
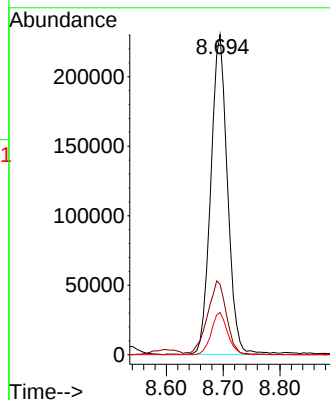
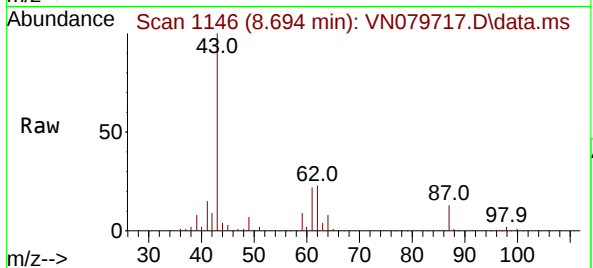
Ion	Ratio	Lower	Upper
43	100		
61	26.6	24.7	37.1
87	12.9	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#44

Trichloroethene

Concen: 48.967 ug/l

RT: 9.359 min Scan# 1259

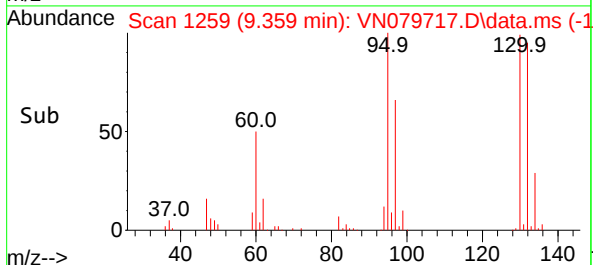
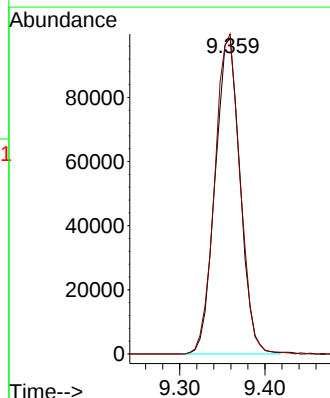
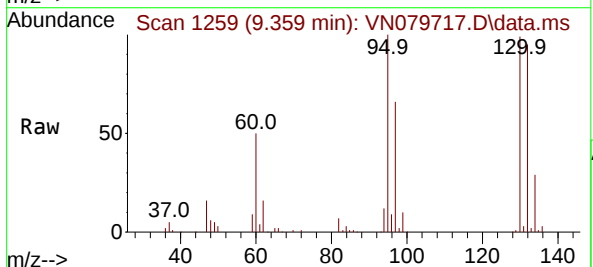
Delta R.T. 0.000 min

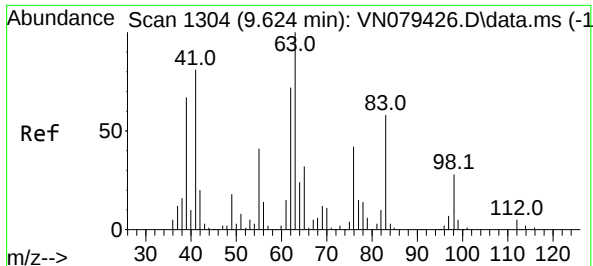
Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Tgt Ion:130 Resp: 200352

Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	204.6





#45

1,2-Dichloropropane

Concen: 51.023 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 228898

Ion Ratio Lower Upper

63 100

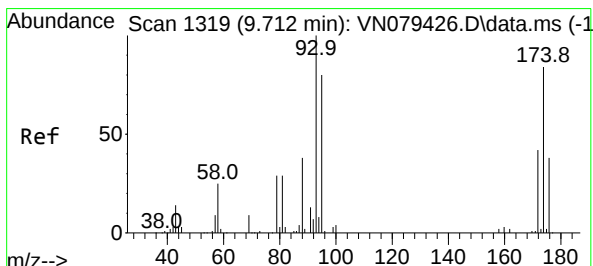
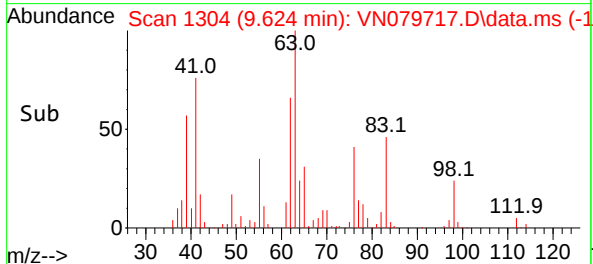
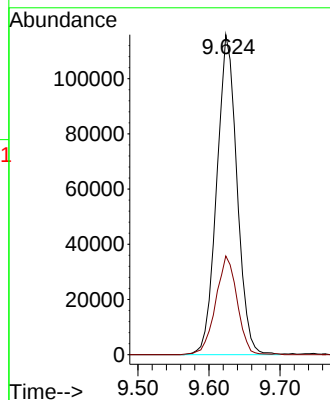
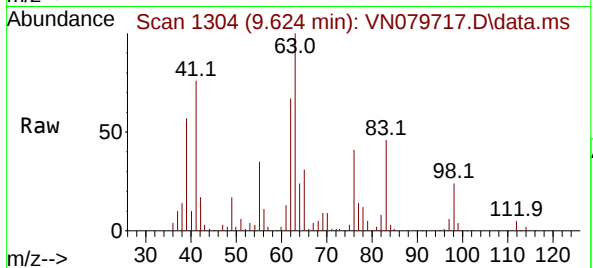
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 49.015 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

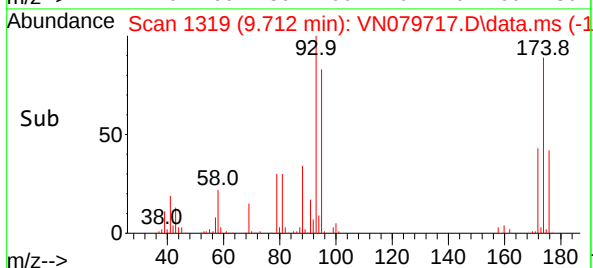
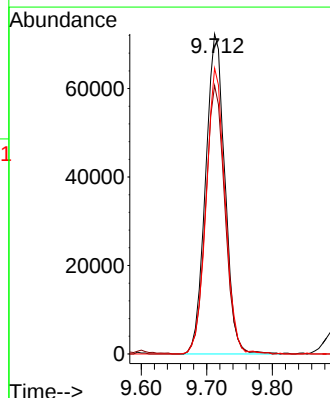
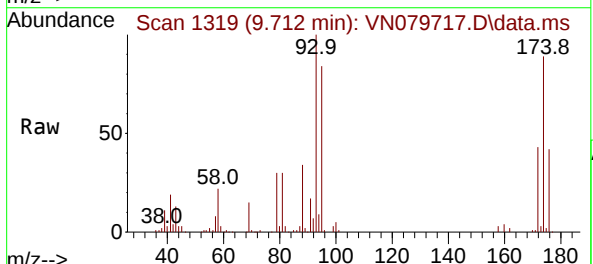
Tgt Ion: 93 Resp: 148304

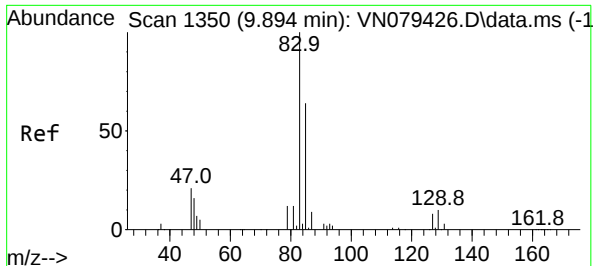
Ion Ratio Lower Upper

93 100

95 84.1 63.8 95.8

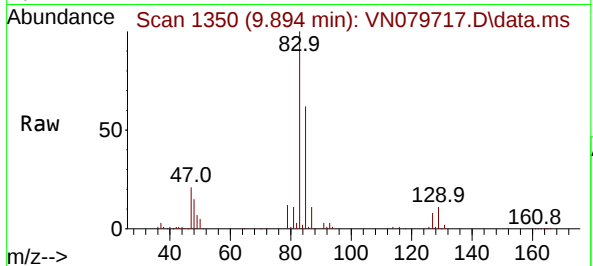
174 87.6 65.6 98.4





#47
Bromodichloromethane
Concen: 50.431 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

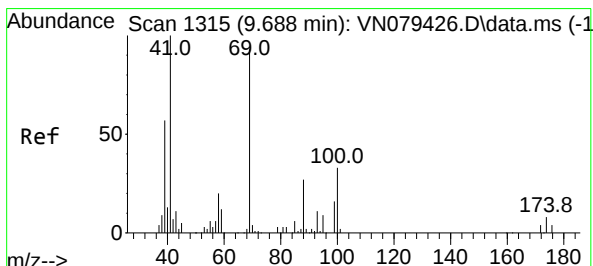
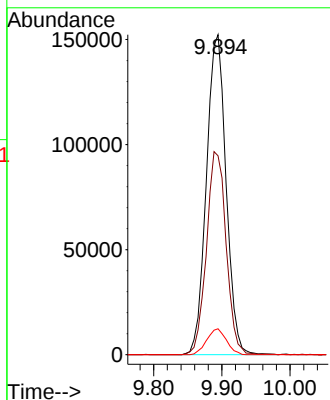
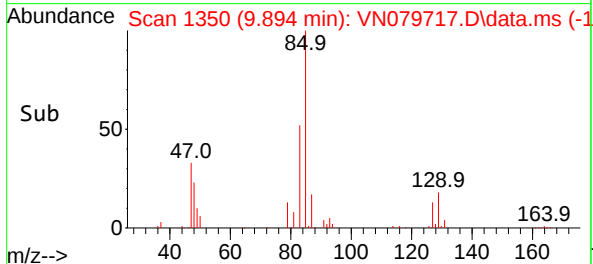
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 306104
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 8.1 7.0 10.6

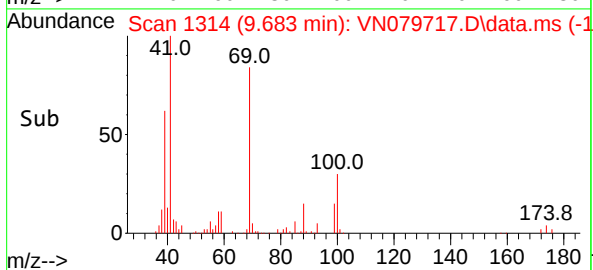
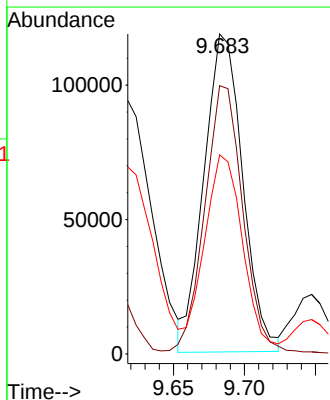
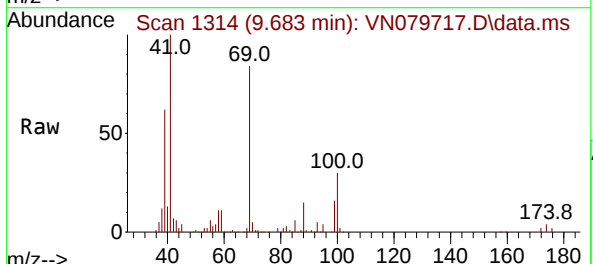
Manual Integrations
APPROVED

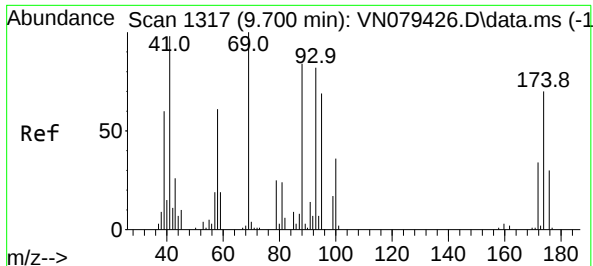
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 53.419 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Tgt Ion: 41 Resp: 224593
Ion Ratio Lower Upper
41 100
69 83.2 90.4 135.6#
39 62.5 54.6 81.8





#49

1,4-Dioxane

Concen: 1047.407 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 7749

Ion Ratio Lower Upper

88 100

43 30.0 17.0 25.6

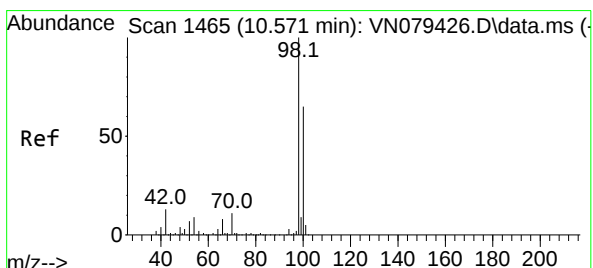
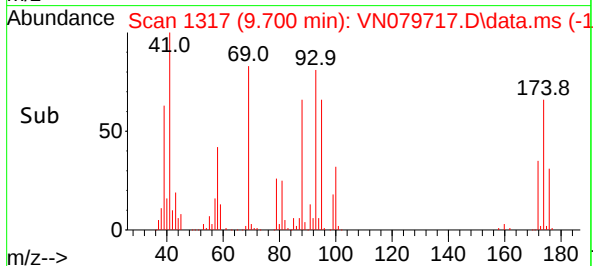
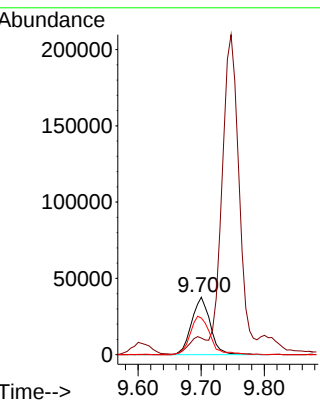
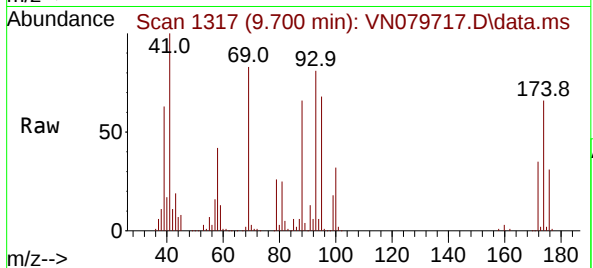
58 71.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 50.553 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079717.D

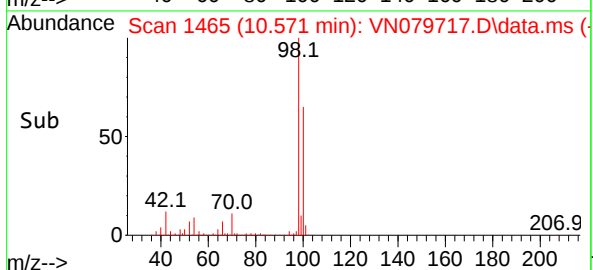
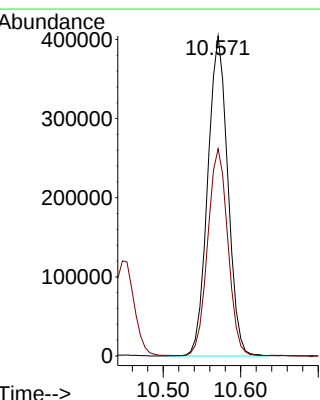
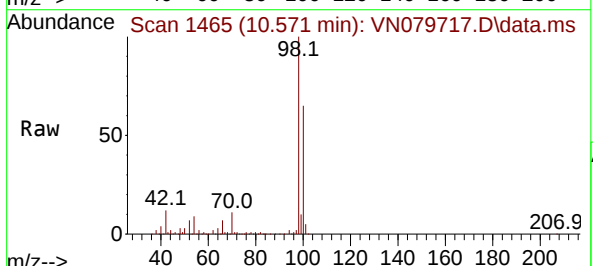
Acq: 30 Oct 2023 10:34

Tgt Ion: 98 Resp: 727005

Ion Ratio Lower Upper

98 100

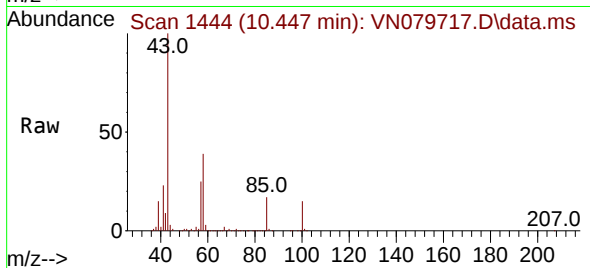
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 259.844 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

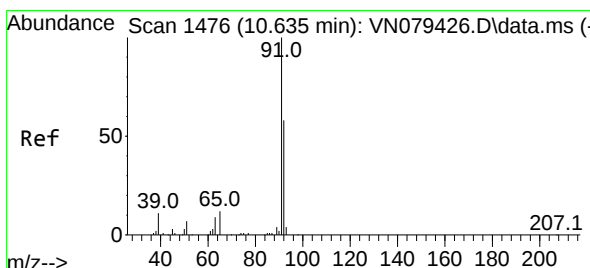
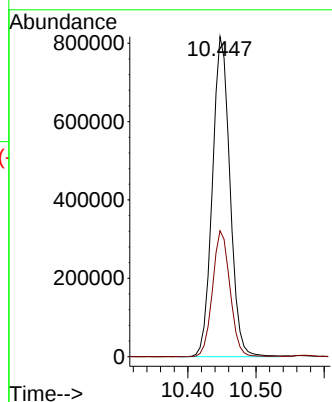
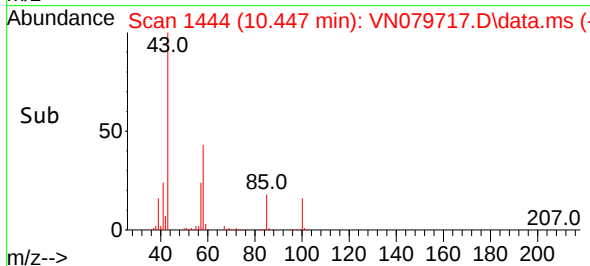
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



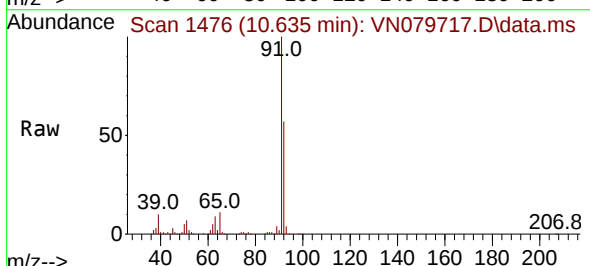
Tgt Ion: 43 Resp: 1466210
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8

Manual Integrations
APPROVED

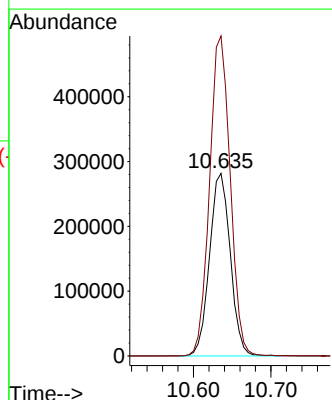
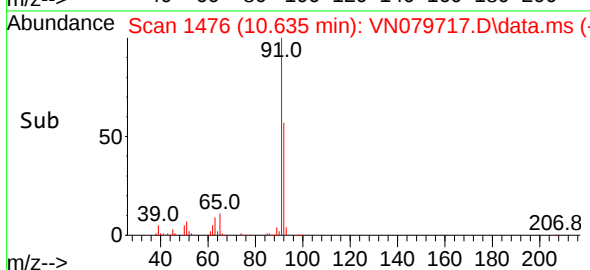
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

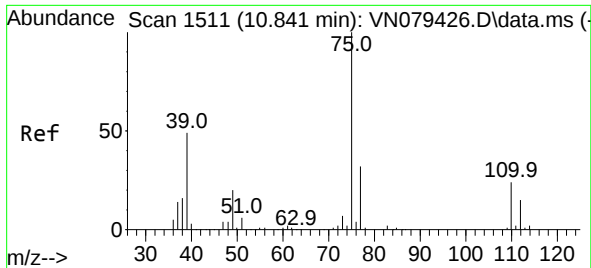


#52
Toluene
Concen: 50.790 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



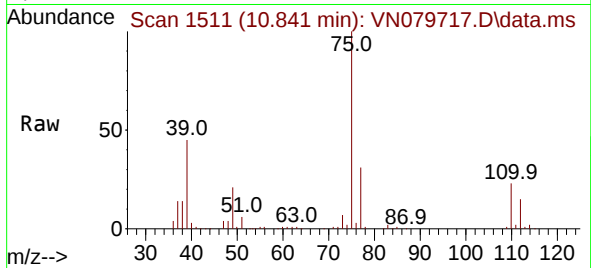
Tgt Ion: 92 Resp: 523727
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.309 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

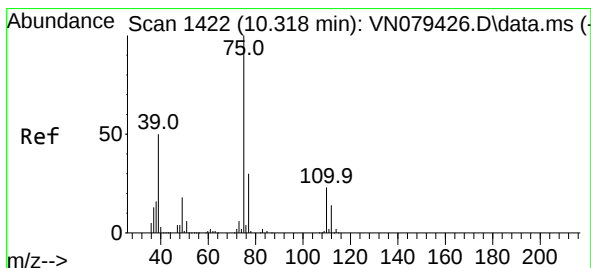
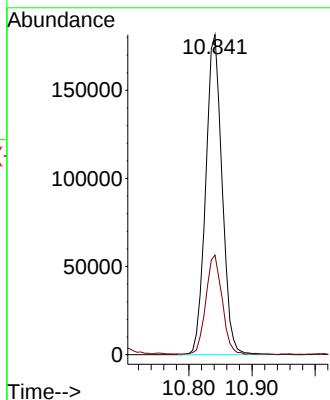
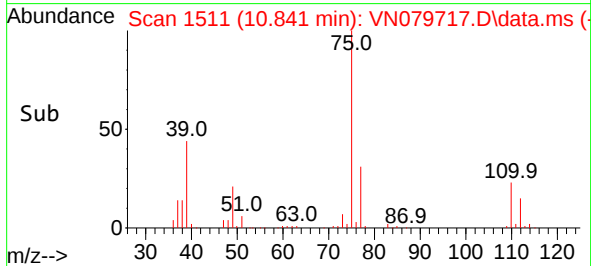
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



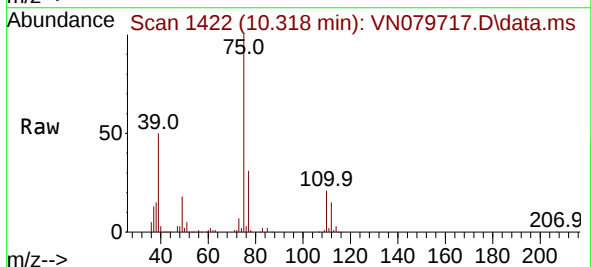
Tgt Ion: 75 Resp: 326740
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

Manual Integrations
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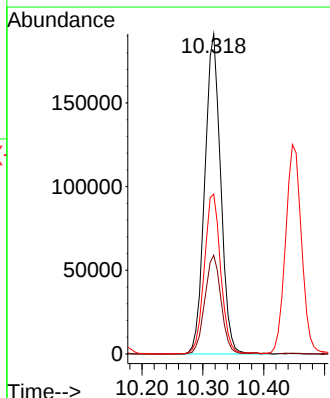
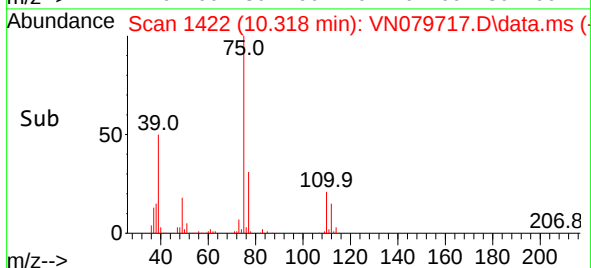
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

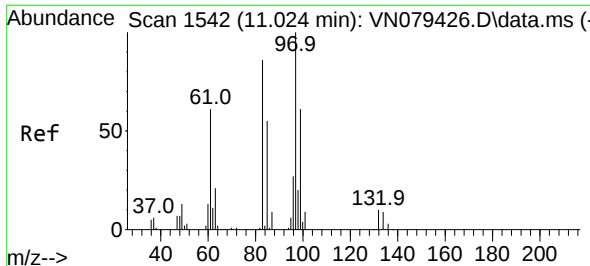


#54
cis-1,3-Dichloropropene
Concen: 51.785 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



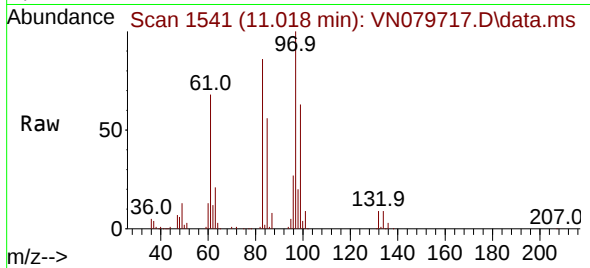
Tgt Ion: 75 Resp: 347265
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 49.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.139 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

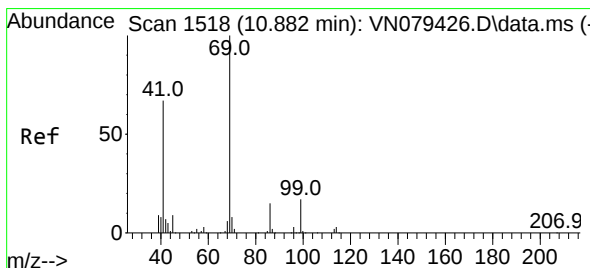
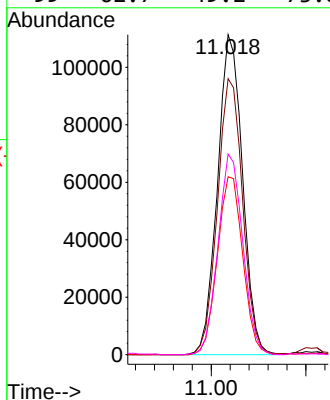
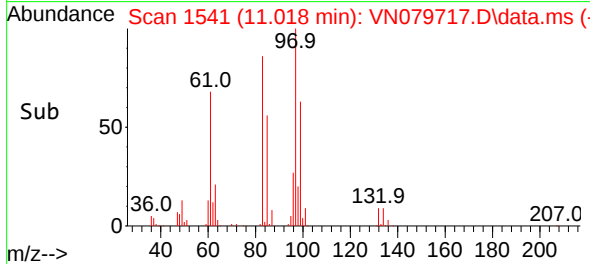
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



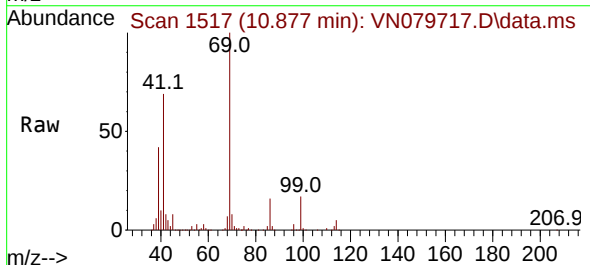
Tgt Ion: 97 Resp: 204469
Ion Ratio Lower Upper
97 100
83 86.3 65.1 97.7
85 55.6 43.4 65.2
99 62.7 49.2 73.8

Manual Integrations
APPROVED

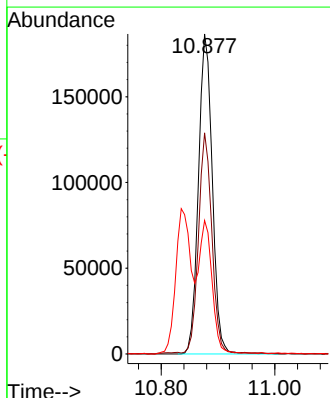
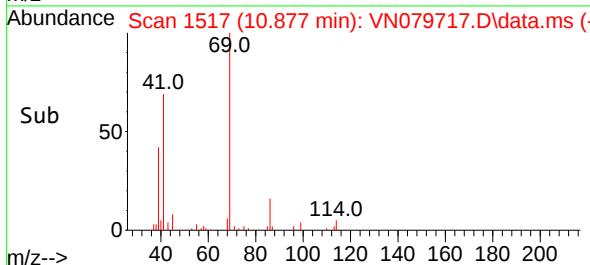
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#56
Ethyl methacrylate
Concen: 54.804 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



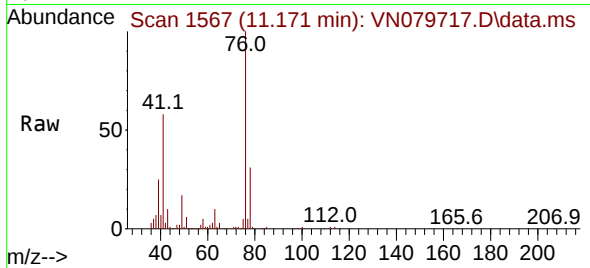
Tgt Ion: 69 Resp: 315632
Ion Ratio Lower Upper
69 100
41 67.7 39.6 59.4#
39 39.5 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.303 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

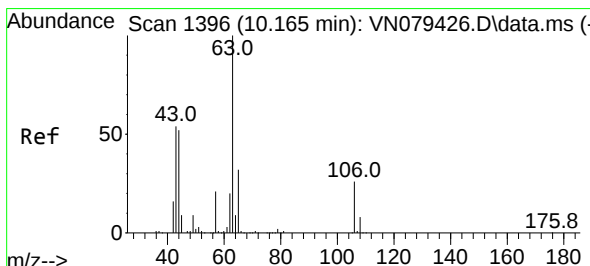
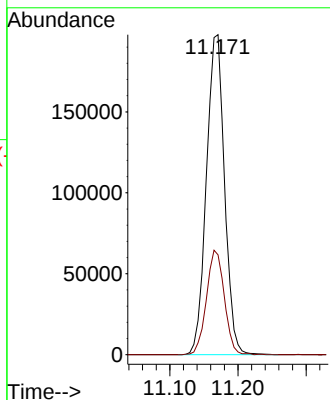
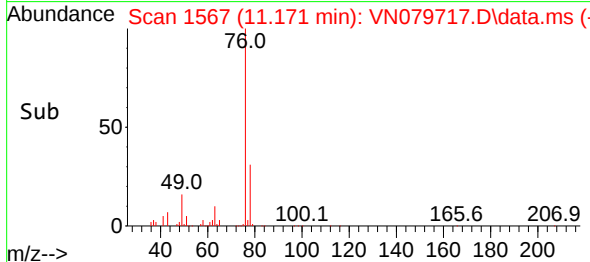
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 366134
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

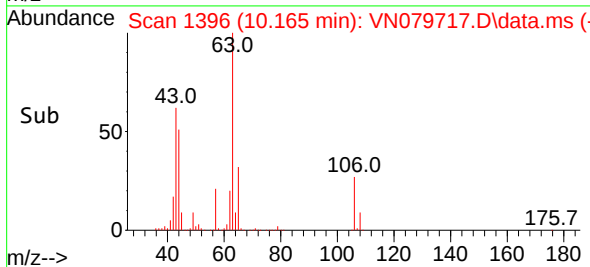
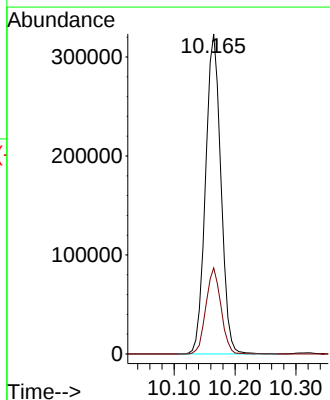
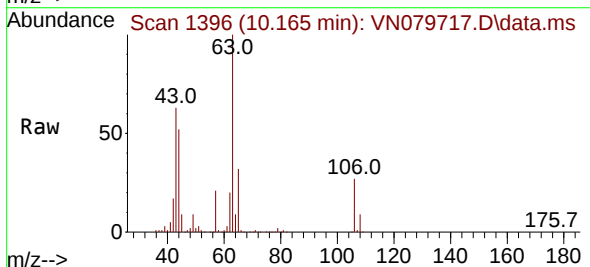
Manual Integrations
APPROVED

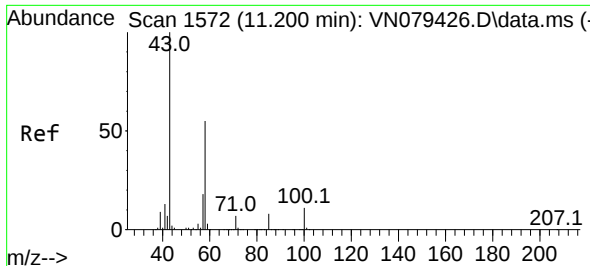
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#58
2-Chloroethyl Vinyl ether
Concen: 266.595 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

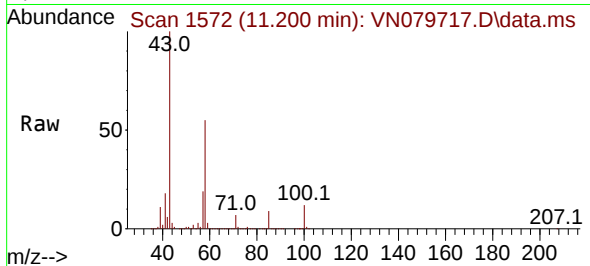
Tgt Ion: 63 Resp: 565670
Ion Ratio Lower Upper
63 100
106 26.3 26.2 39.4





#59
2-Hexanone
Concen: 265.805 ug/l
RT: 11.200 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

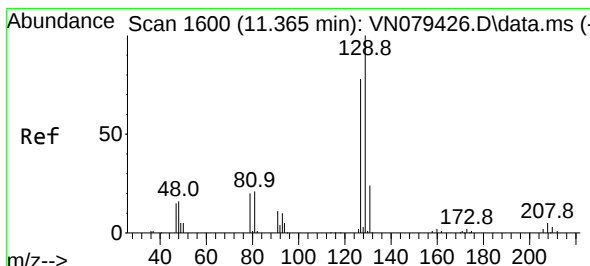
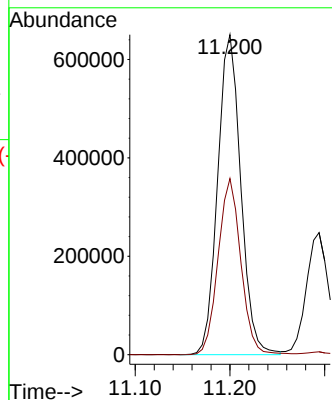
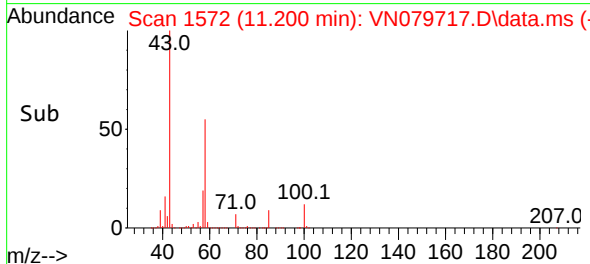
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1102810
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1

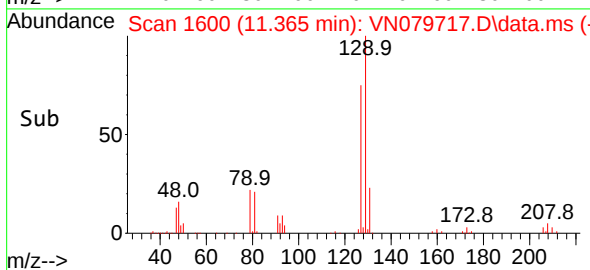
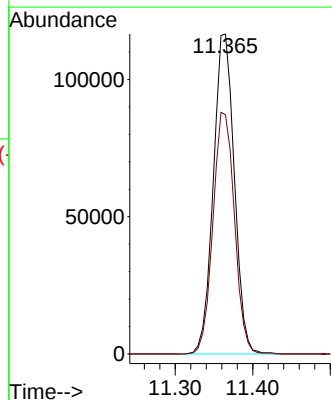
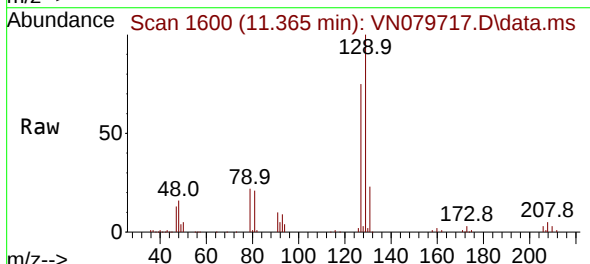
Manual Integrations
APPROVED

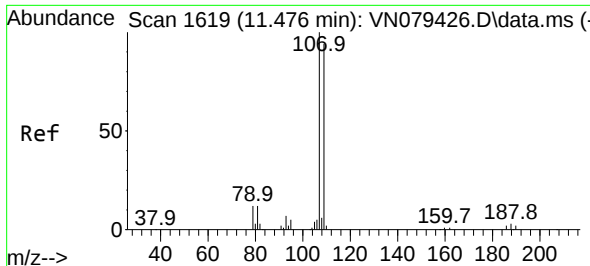
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 52.003 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

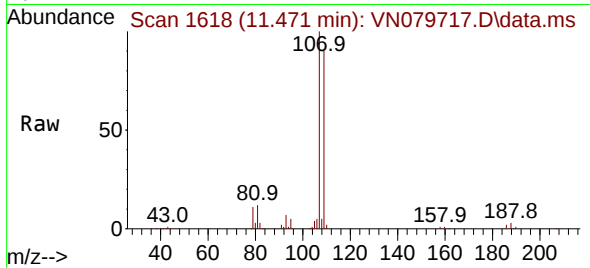
Tgt Ion:129 Resp: 219446
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.615 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

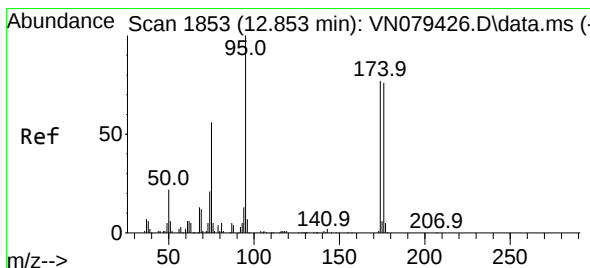
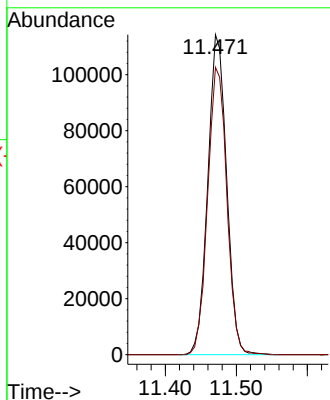
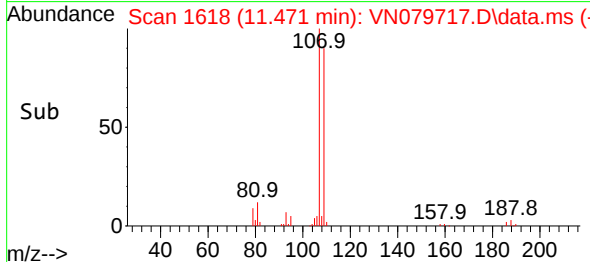
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 20970
Ion Ratio Lower Upper
107 100
109 91.7 76.6 114.8

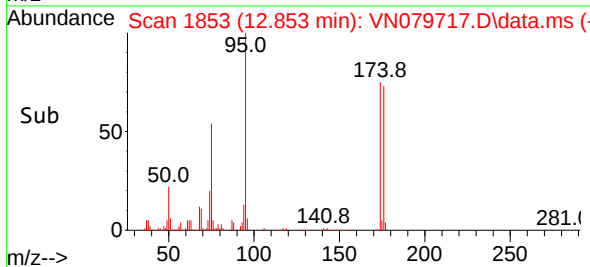
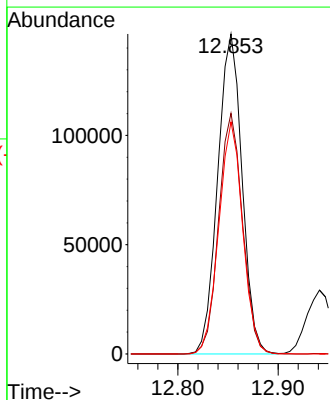
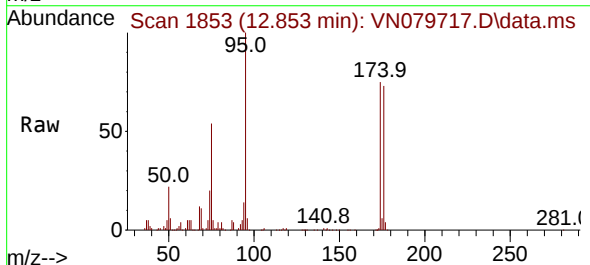
Manual Integrations
APPROVED

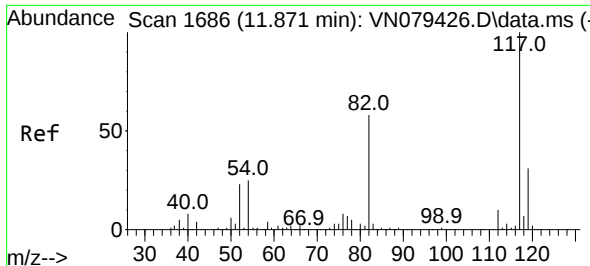
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 54.552 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

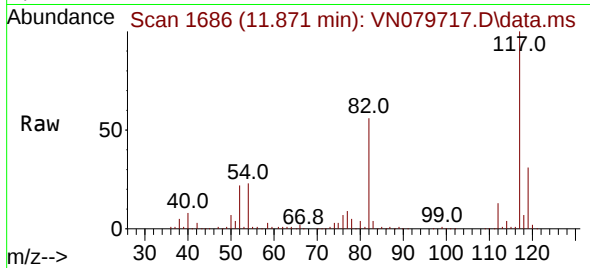
Tgt Ion: 95 Resp: 247052
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 71.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

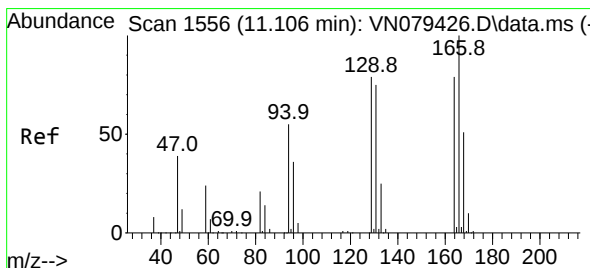
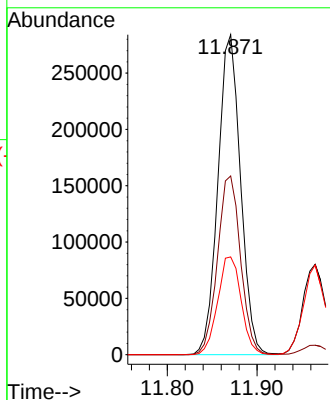
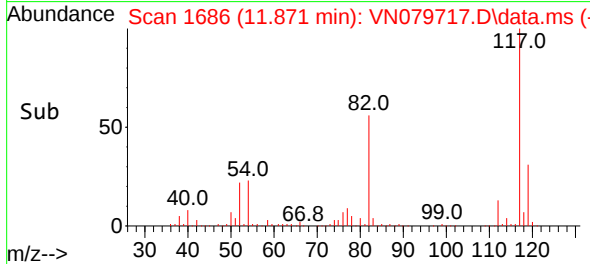
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 497000
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 30.6 25.6 38.4

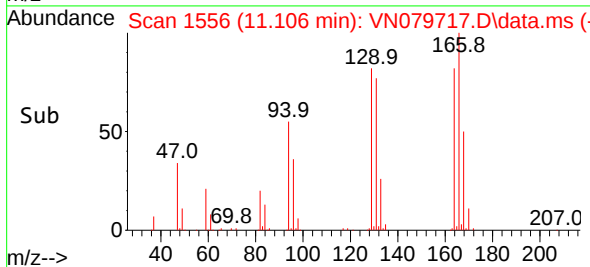
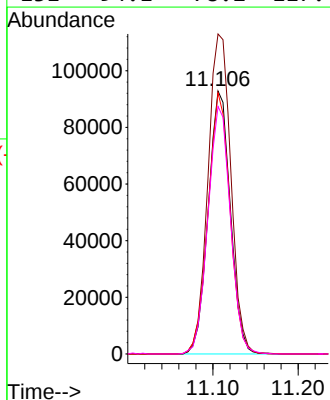
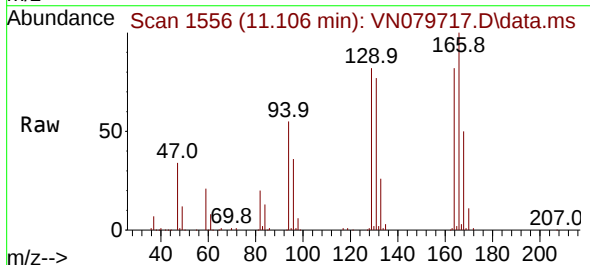
Manual Integrations
APPROVED

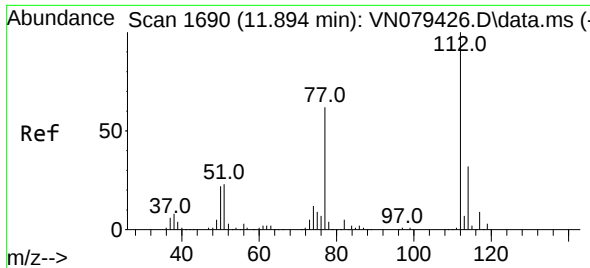
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 47.573 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Tgt Ion:164 Resp: 167731
Ion Ratio Lower Upper
164 100
166 121.7 101.4 152.0
129 99.3 82.4 123.6
131 94.1 78.2 117.4





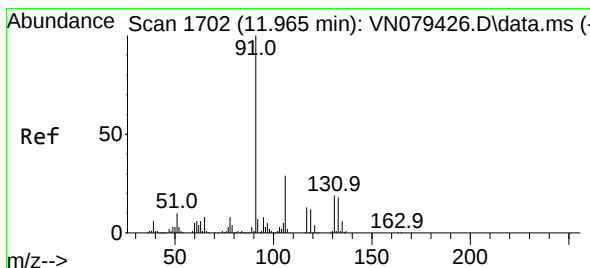
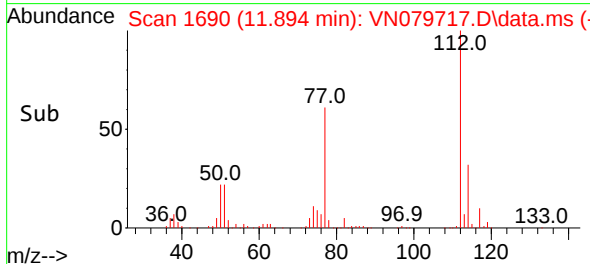
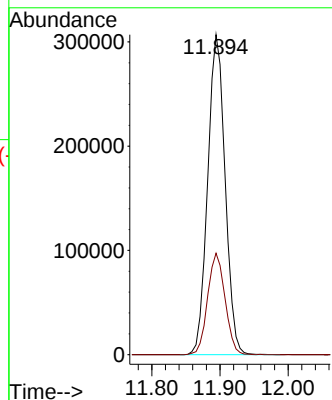
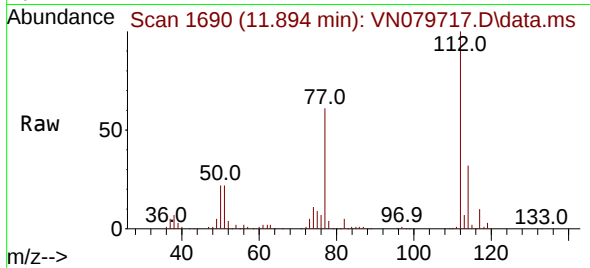
#65
Chlorobenzene
Concen: 49.614 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 54578
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

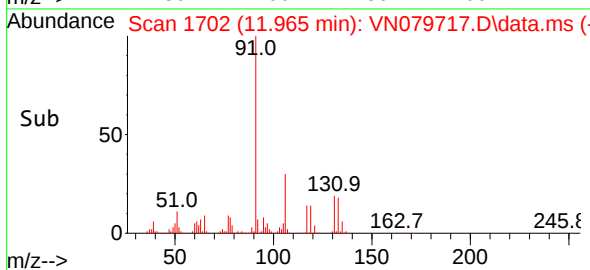
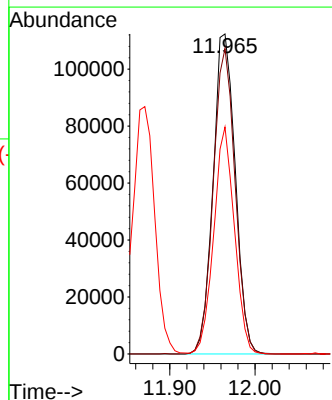
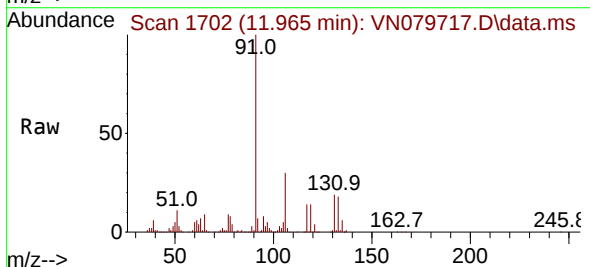
Manual Integrations
APPROVED

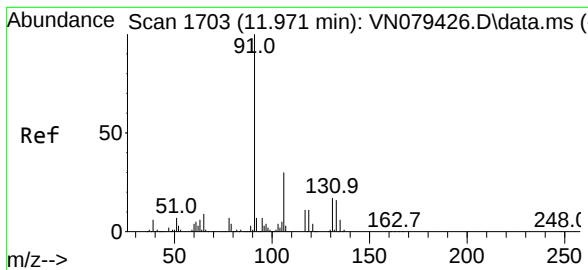
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.810 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

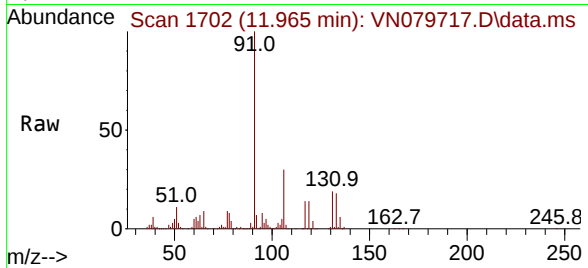
Tgt Ion:131 Resp: 203600
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 66.1 34.1 102.2





#67
Ethyl Benzene
Concen: 51.831 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

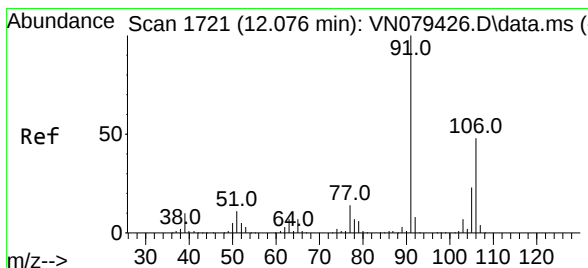
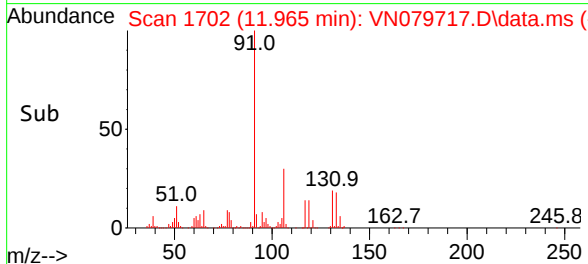
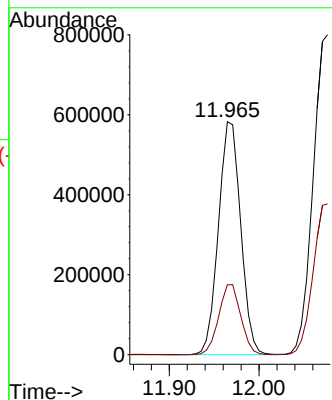
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 100448
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

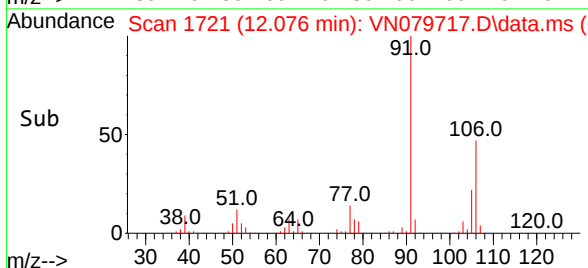
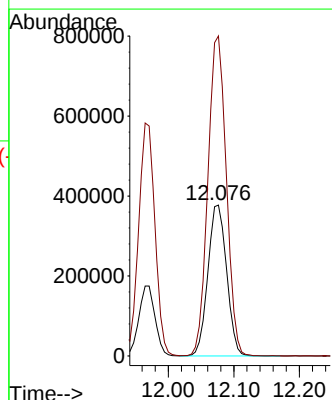
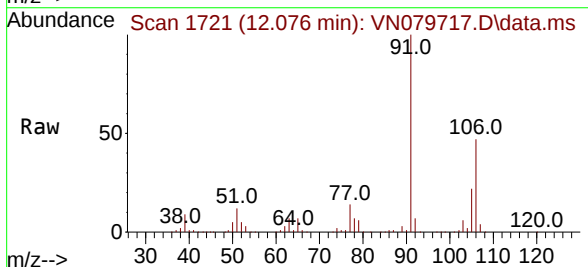
Manual Integrations
APPROVED

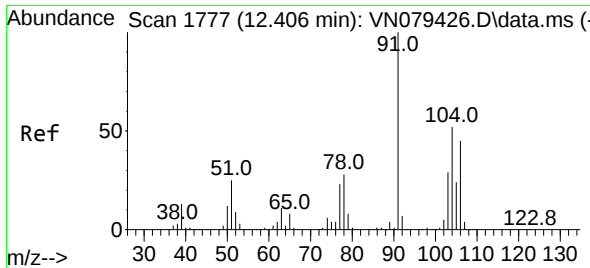
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 104.540 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Tgt Ion:106 Resp: 749335
Ion Ratio Lower Upper
106 100
91 208.6 159.6 239.4





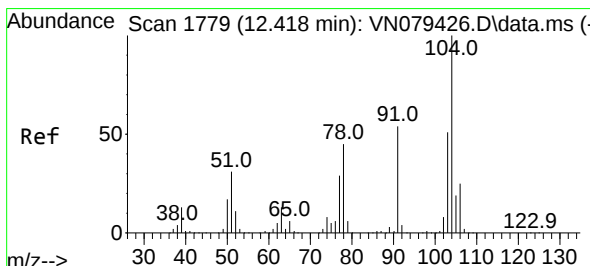
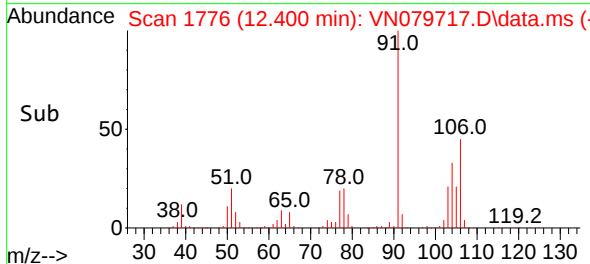
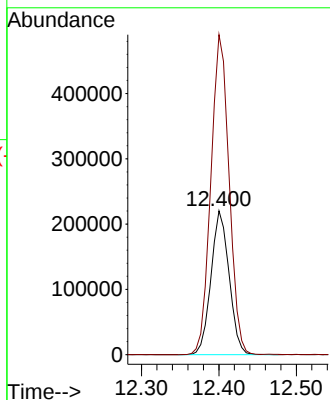
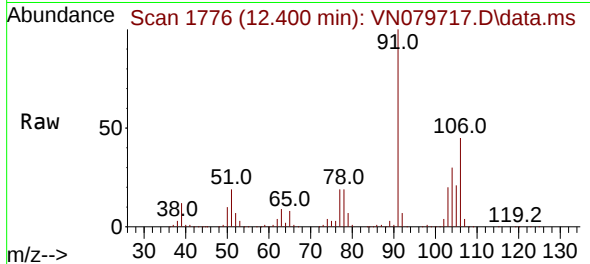
#69
o-Xylene
Concen: 52.059 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 358820
Ion Ratio Lower Upper
106 100
91 224.4 105.2 315.5

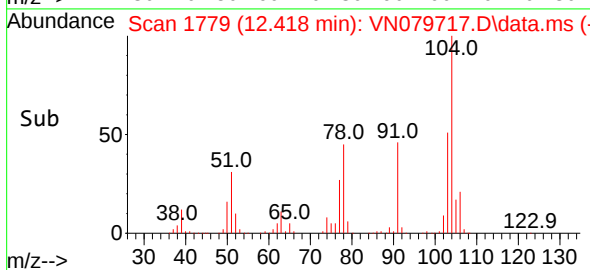
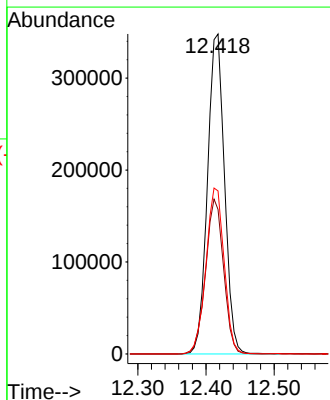
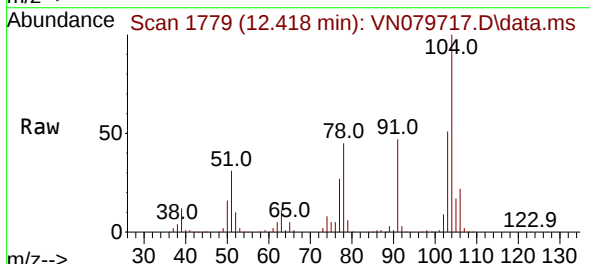
Manual Integrations
APPROVED

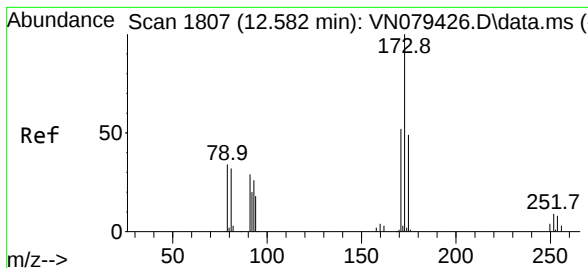
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 54.811 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

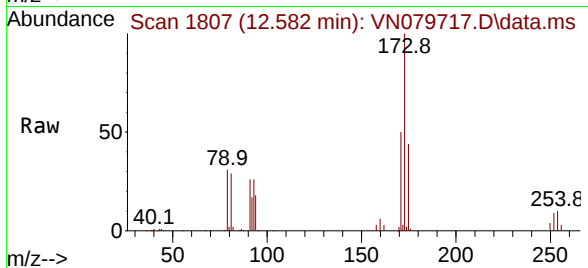
Tgt Ion:104 Resp: 605175
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 51.184 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

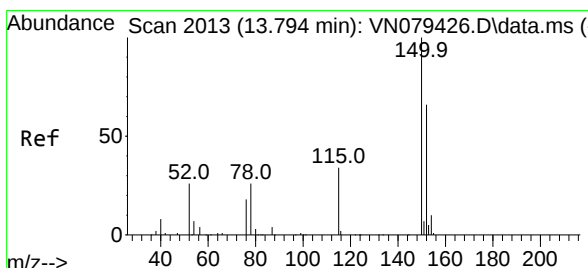
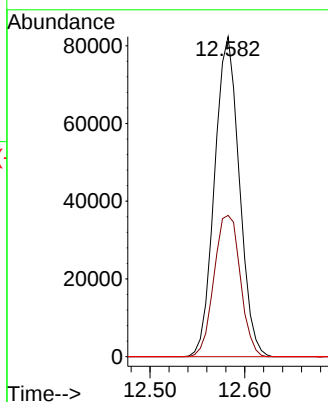
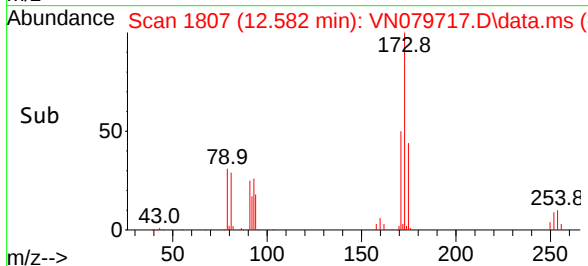
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



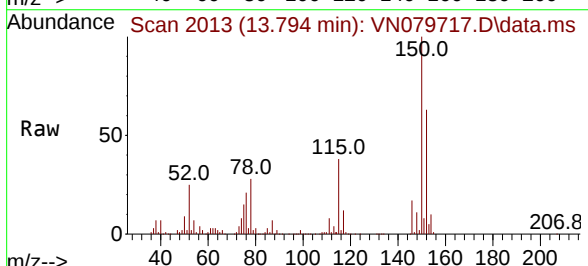
Tgt Ion:173 Resp: 14985
Ion Ratio Lower Upper
173 100
175 46.8 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

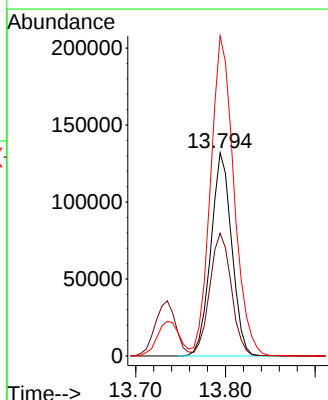
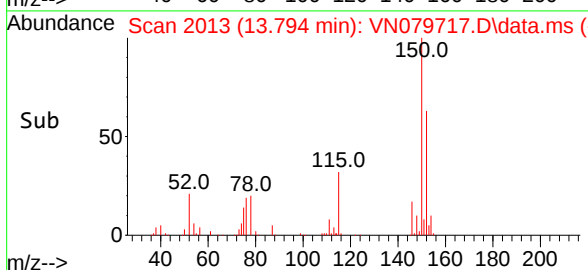
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

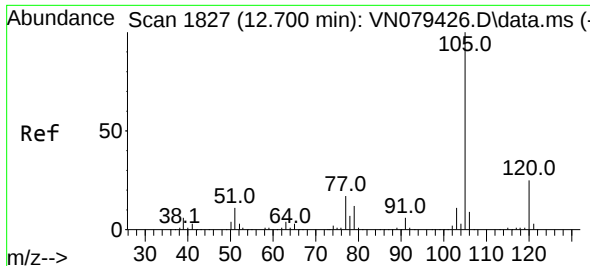


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion:152 Resp: 213068
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 176.7 0.0 355.8





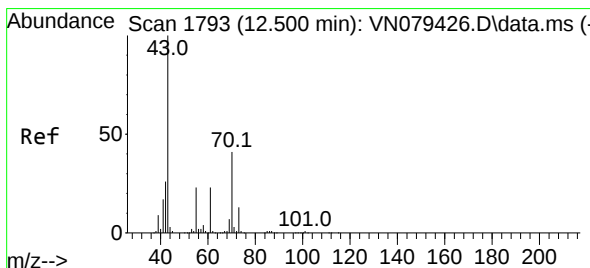
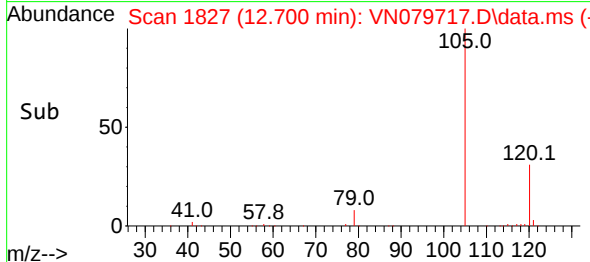
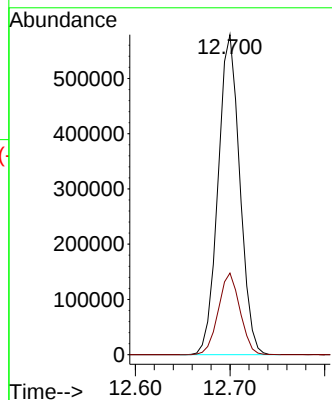
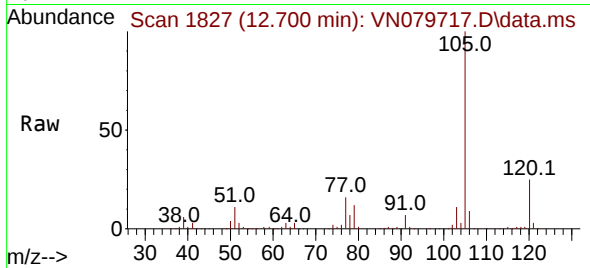
#73
Isopropylbenzene
Concen: 47.889 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 924234
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

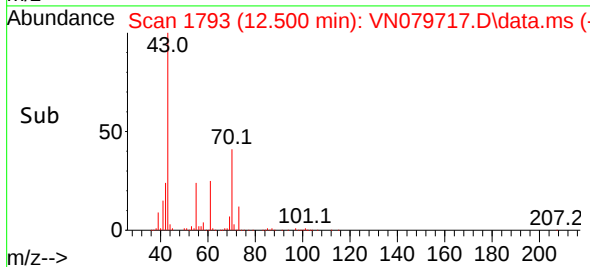
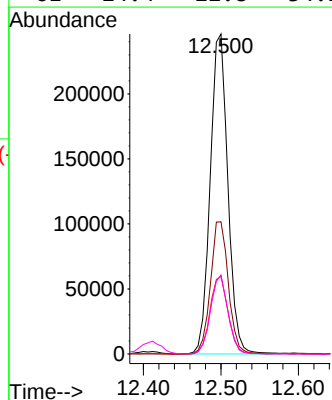
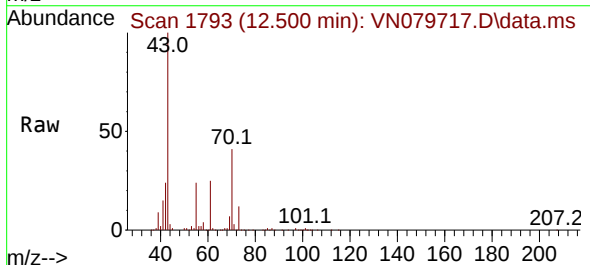
Manual Integrations
APPROVED

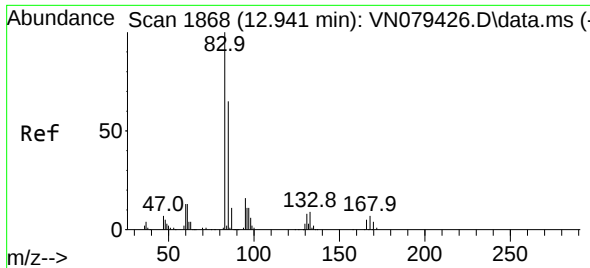
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 50.680 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

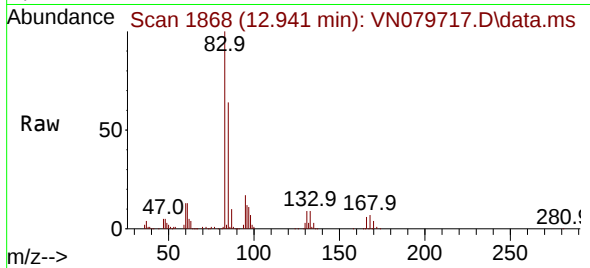
Tgt Ion: 43 Resp: 389025
Ion Ratio Lower Upper
43 100
70 41.8 43.4 65.2#
55 24.9 21.4 32.0
61 24.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 44.250 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

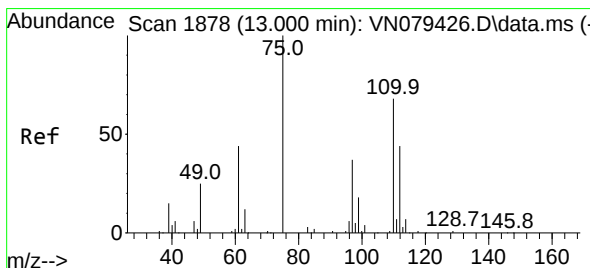
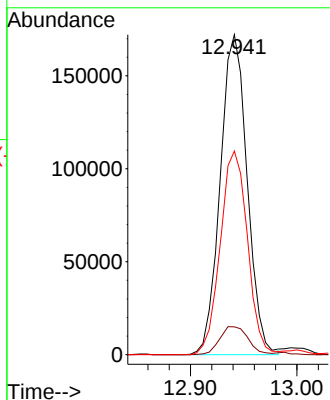
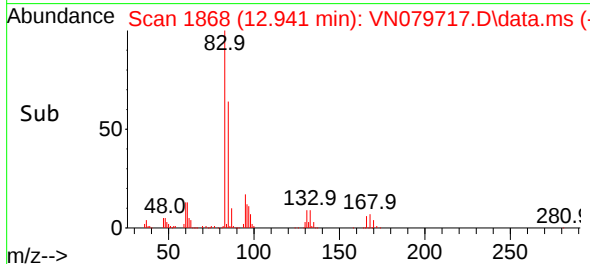
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 302330
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 64.1 31.9 95.7

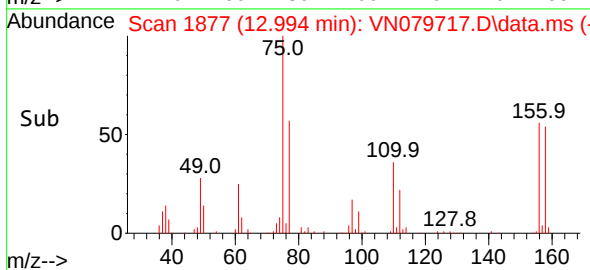
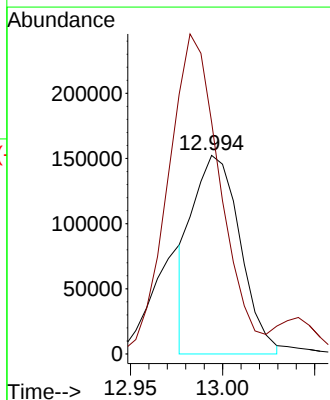
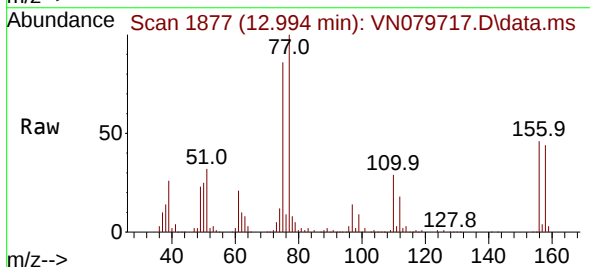
Manual Integrations
APPROVED

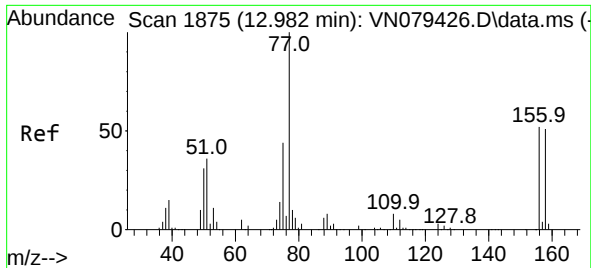
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 48.861 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

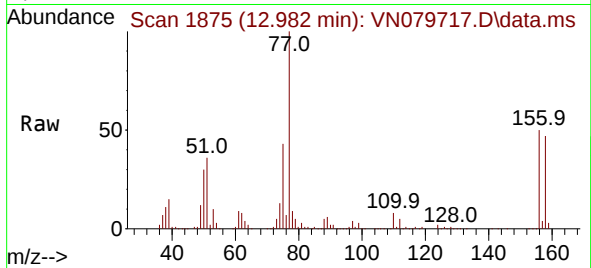
Tgt Ion: 75 Resp: 273574
Ion Ratio Lower Upper
75 100
77 177.3 84.5 253.5





#77
Bromobenzene
Concen: 46.694 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

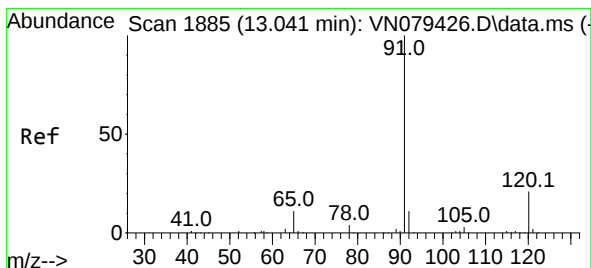
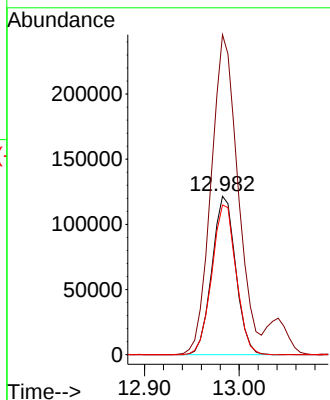
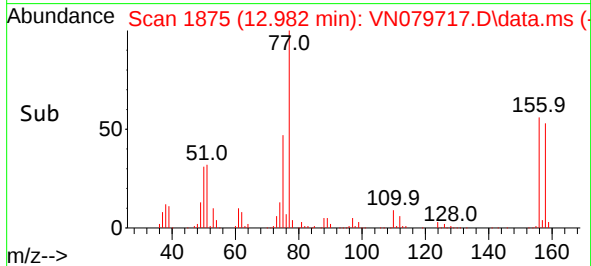
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



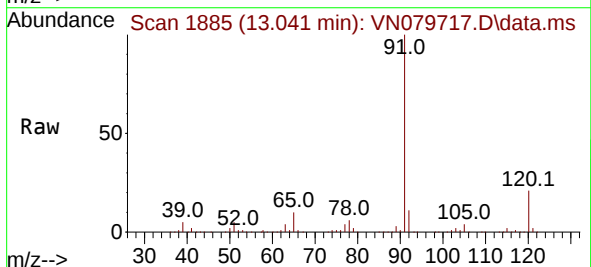
Tgt Ion:156 Resp: 21192
Ion Ratio Lower Upper
156 100
77 228.9 107.7 323.3
158 96.7 48.4 145.3

Manual Integrations
APPROVED

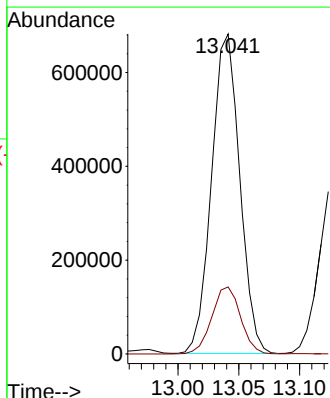
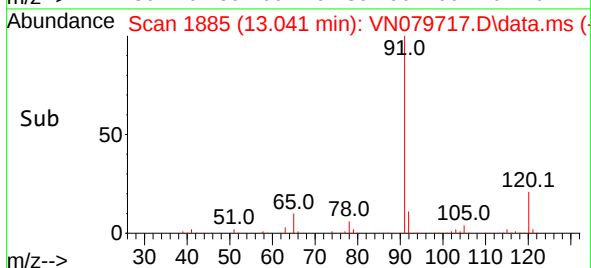
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

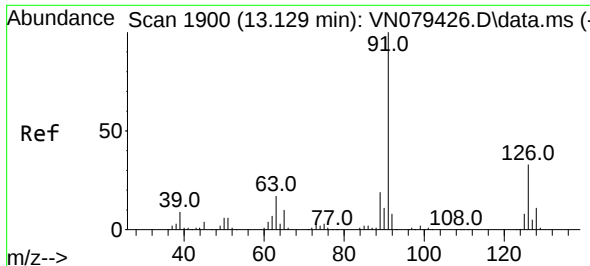


#78
n-propylbenzene
Concen: 49.422 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion: 91 Resp: 1098732
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 47.373 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 656490

Ion Ratio Lower Upper

91 100

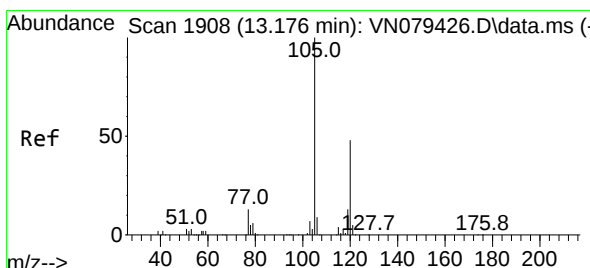
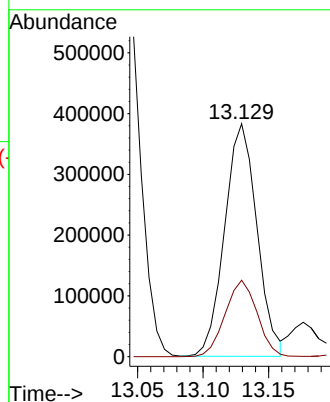
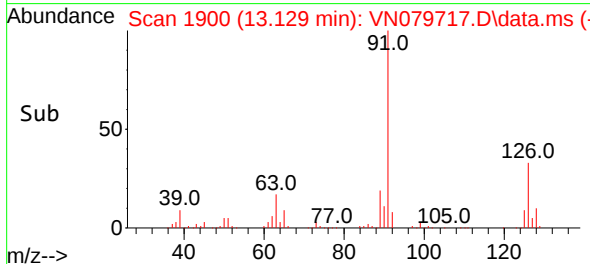
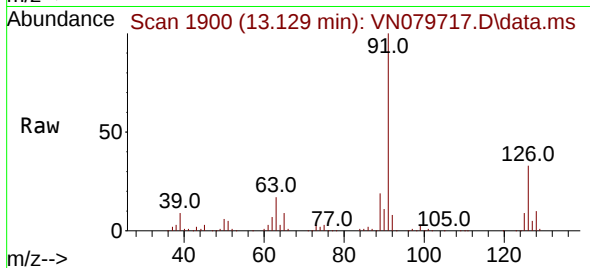
126 32.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#80

1,3,5-Trimethylbenzene

Concen: 48.874 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079717.D

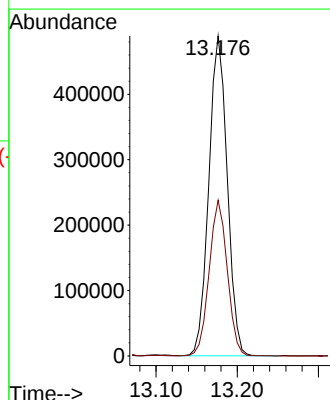
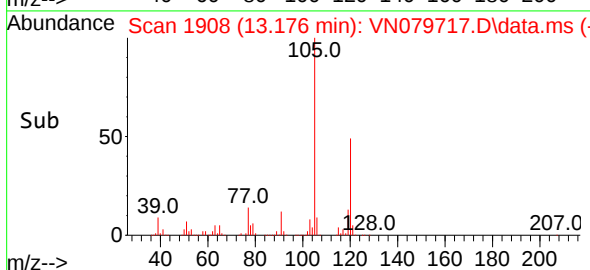
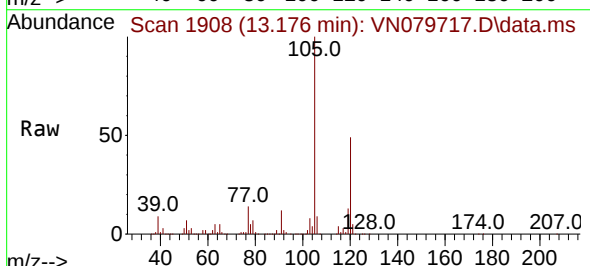
Acq: 30 Oct 2023 10:34

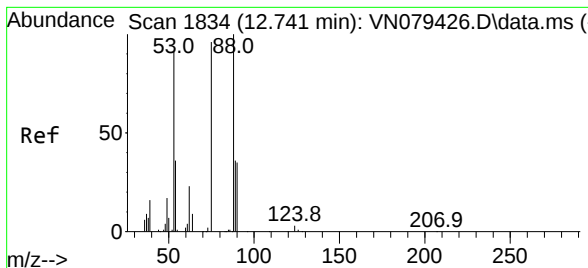
Tgt Ion:105 Resp: 768869

Ion Ratio Lower Upper

105 100

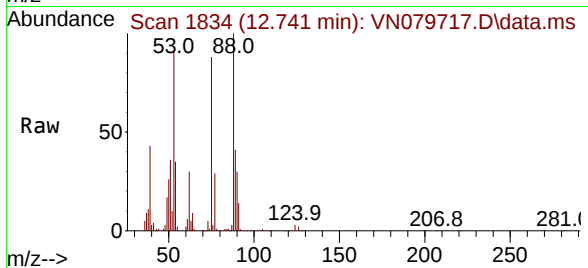
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.071 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

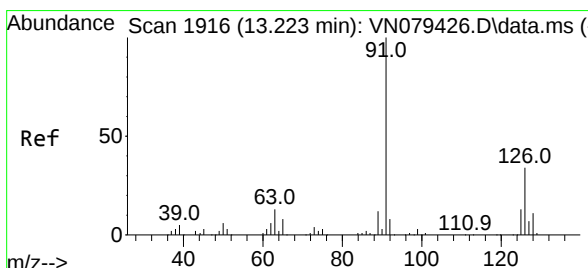
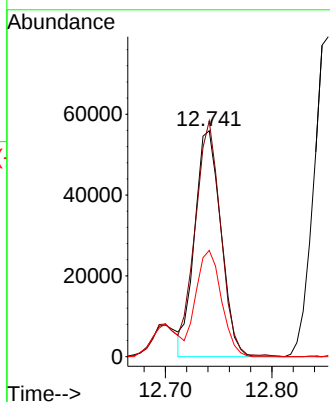
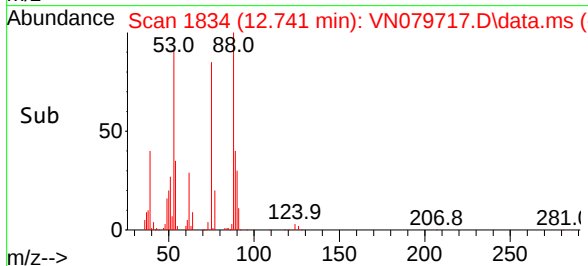
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



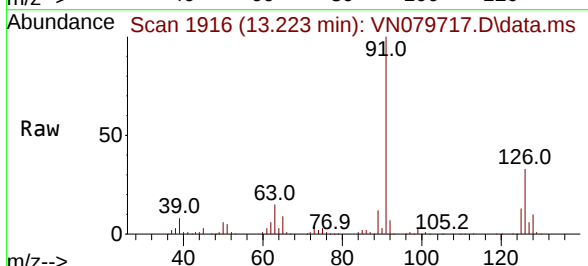
Tgt Ion: 75 Resp: 9603
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2
89 45.3 38.8 58.2

Manual Integrations
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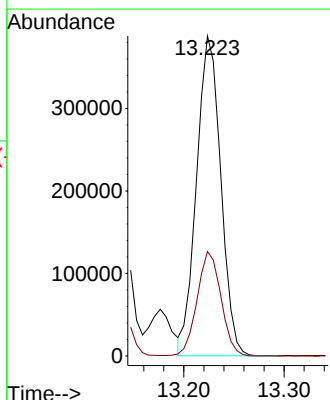
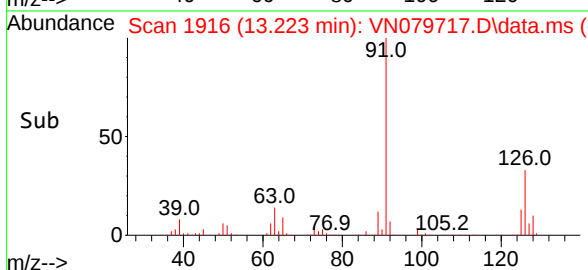
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

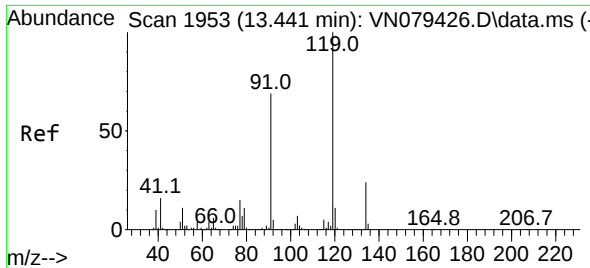


#82
4-Chlorotoluene
Concen: 48.911 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



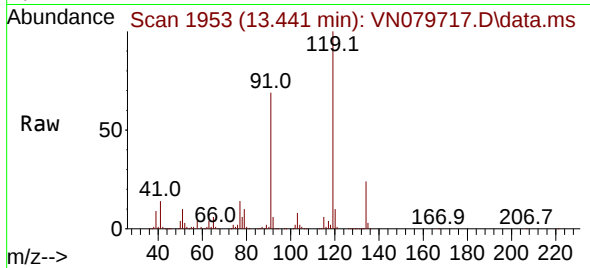
Tgt Ion: 91 Resp: 651049
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.340 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

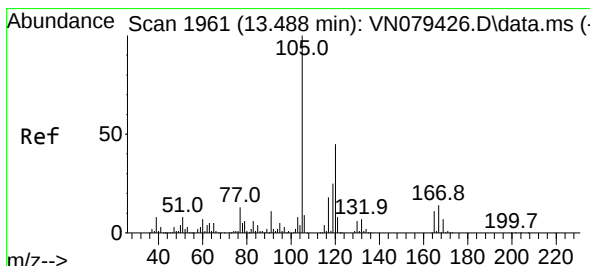
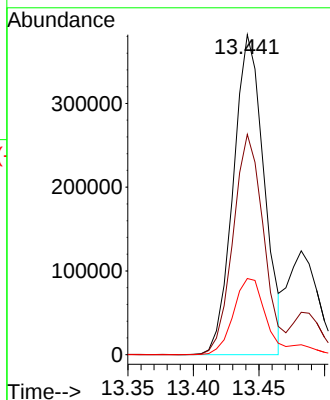
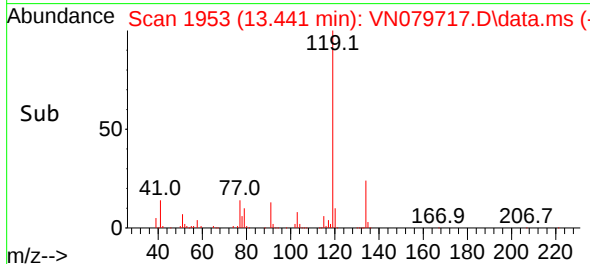
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



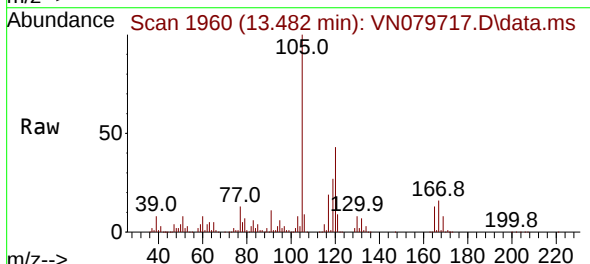
Tgt Ion:119 Resp: 623249
Ion Ratio Lower Upper
119 100
91 68.9 33.9 101.7
134 27.0 13.2 39.6

Manual Integrations
APPROVED

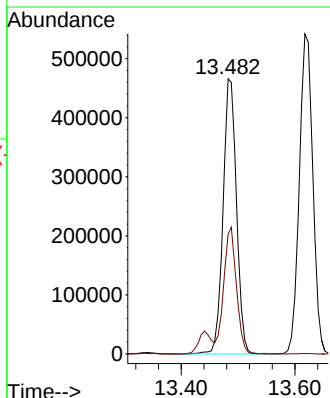
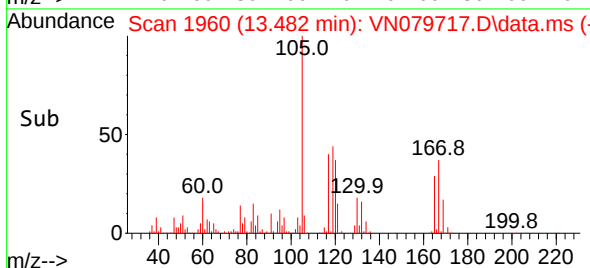
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

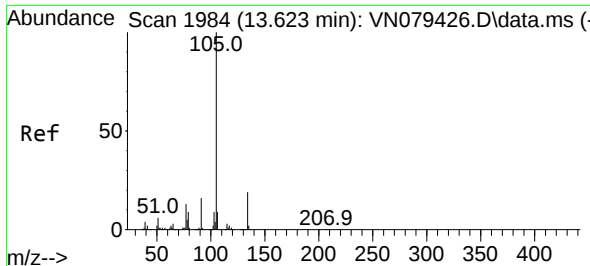


#84
1,2,4-Trimethylbenzene
Concen: 50.567 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



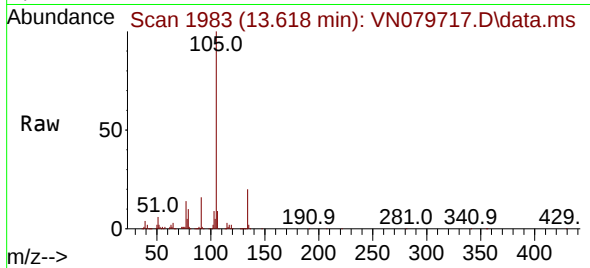
Tgt Ion:105 Resp: 767442
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.601 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34

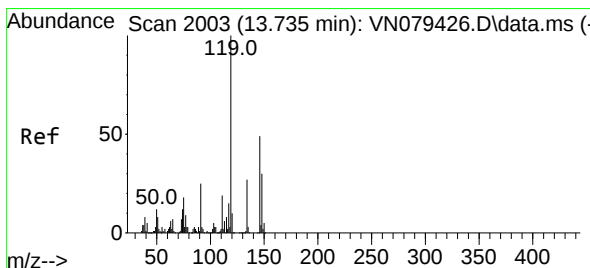
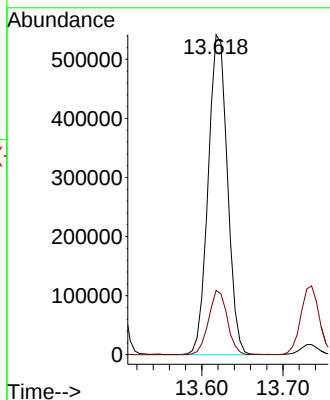
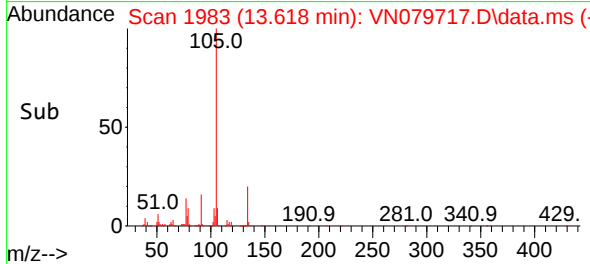
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 892010
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

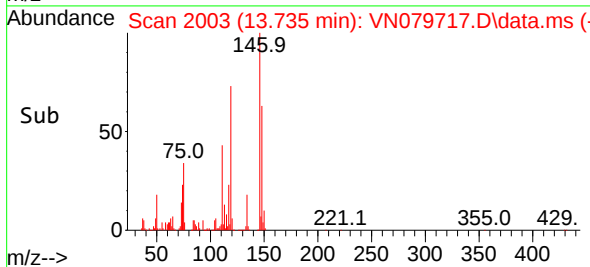
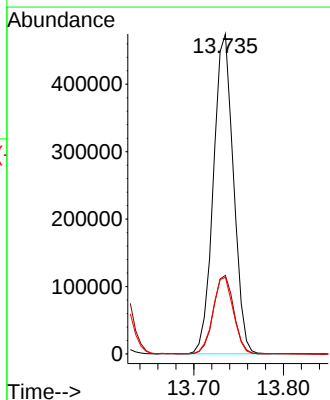
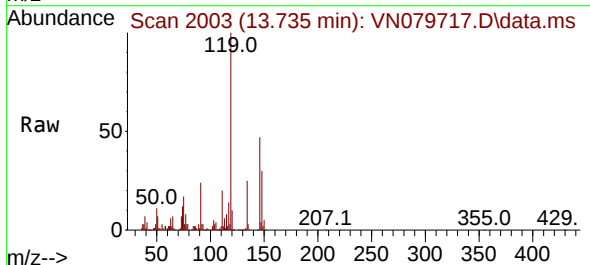
Manual Integrations
 APPROVED

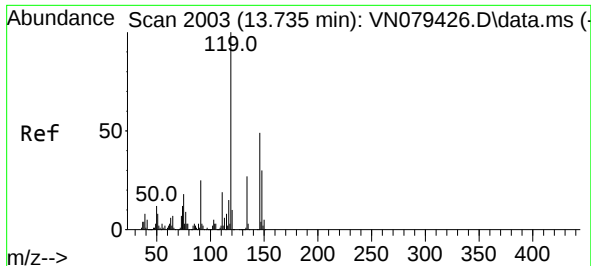
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 51.211 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34

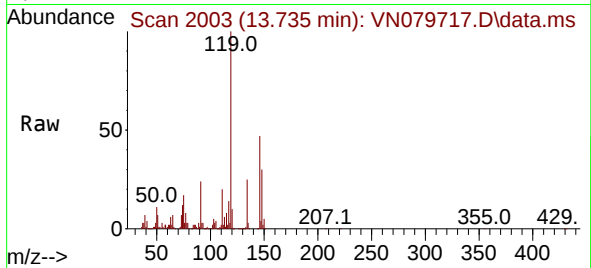
Tgt Ion:119 Resp: 733521
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 24.4 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 49.336 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34

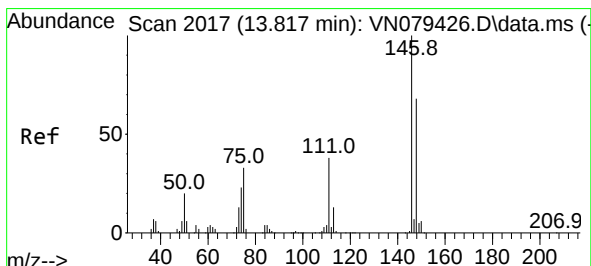
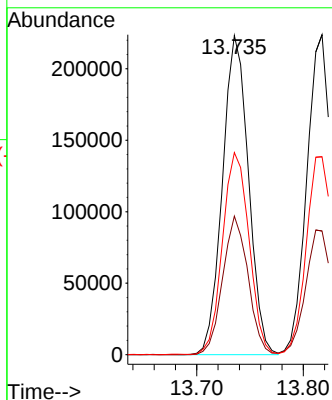
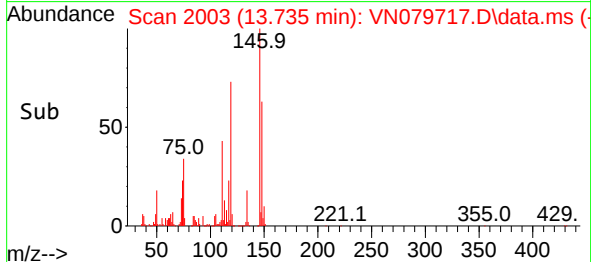
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



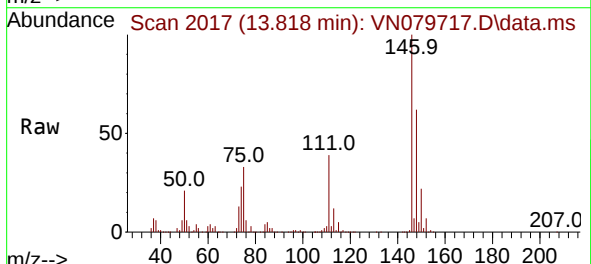
Tgt Ion:146 Resp: 378811
 Ion Ratio Lower Upper
 146 100
 111 42.3 22.1 66.3
 148 64.4 32.0 96.0

Manual Integrations
 APPROVED

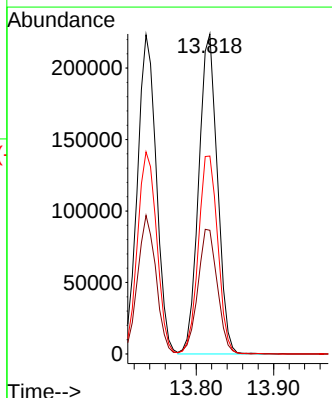
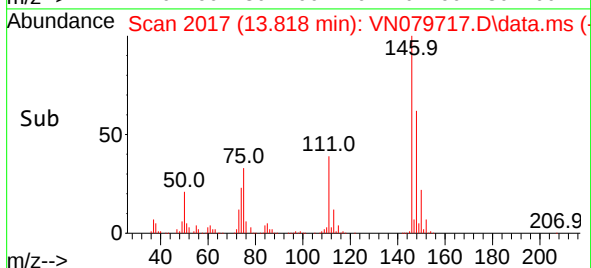
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

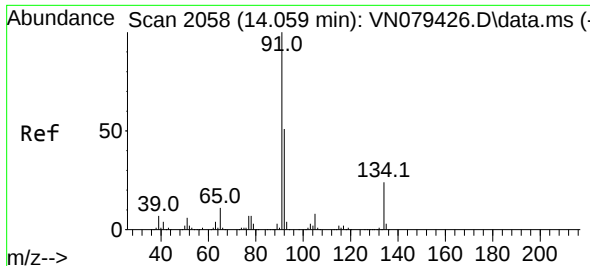


#88
 1,4-Dichlorobenzene
 Concen: 48.998 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. 0.001 min
 Lab File: VN079717.D
 Acq: 30 Oct 2023 10:34



Tgt Ion:146 Resp: 374781
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 64.3 31.6 94.8





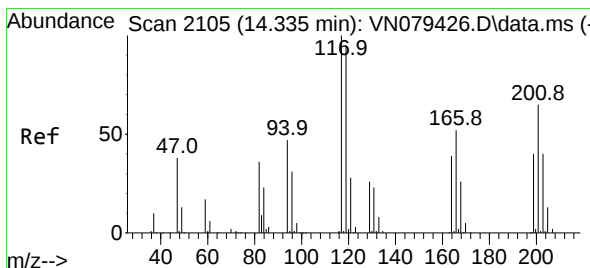
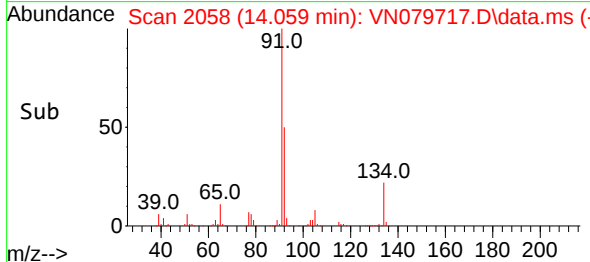
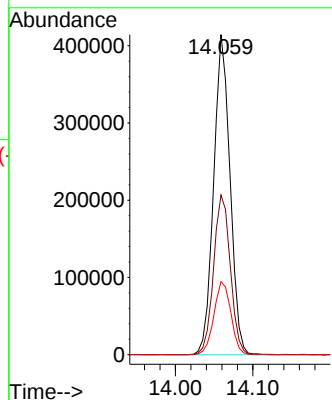
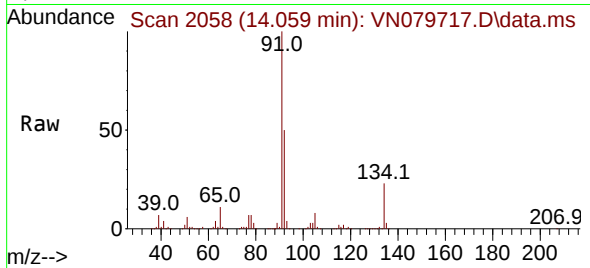
#89
n-Butylbenzene
Concen: 53.612 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 61010
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 23.7 12.6 37.6

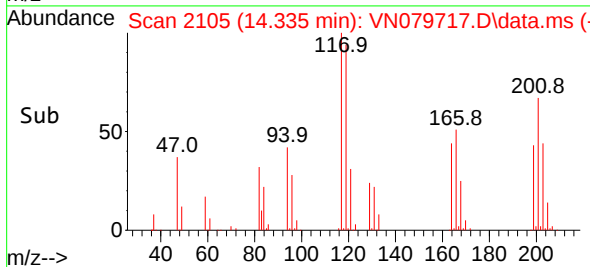
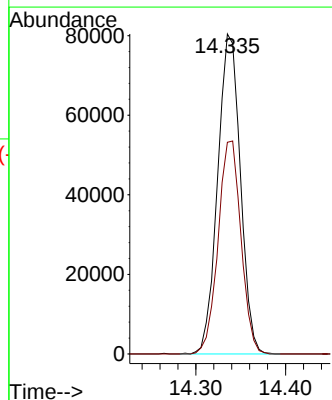
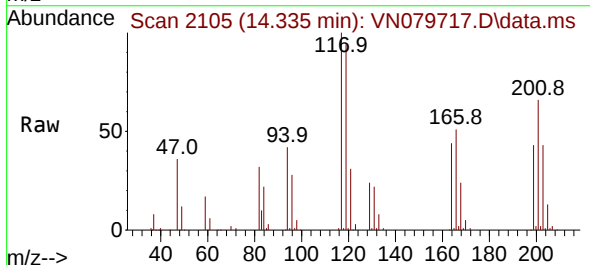
Manual Integrations
APPROVED

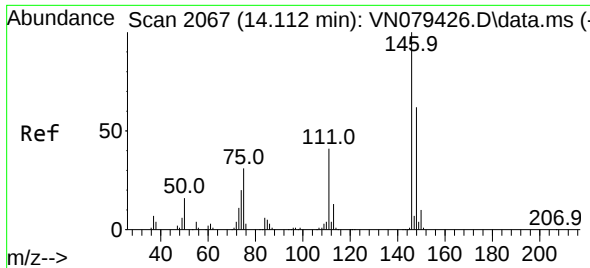
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 46.736 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

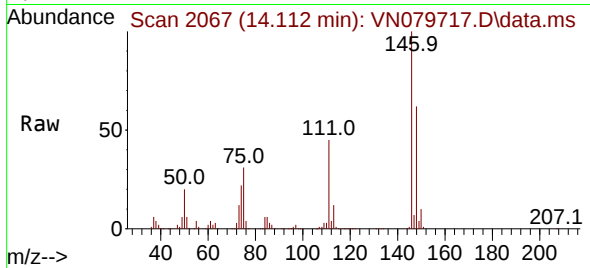
Tgt Ion:117 Resp: 141444
Ion Ratio Lower Upper
117 100
201 66.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.366 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

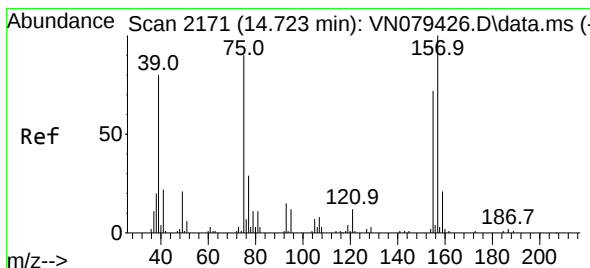
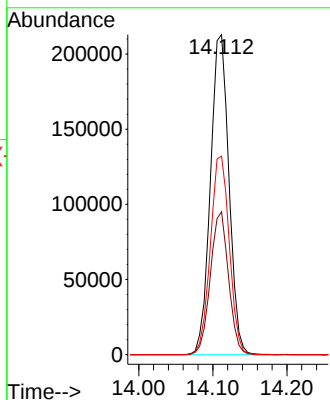
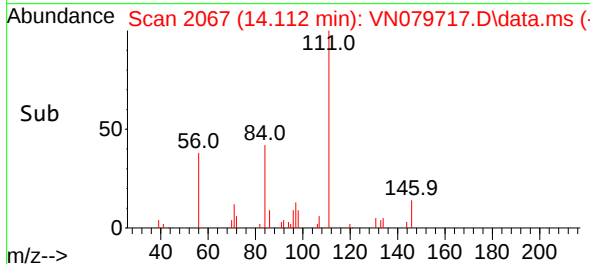
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 36866
Ion Ratio Lower Upper
146 100
111 43.9 22.0 66.0
148 63.7 31.8 95.3

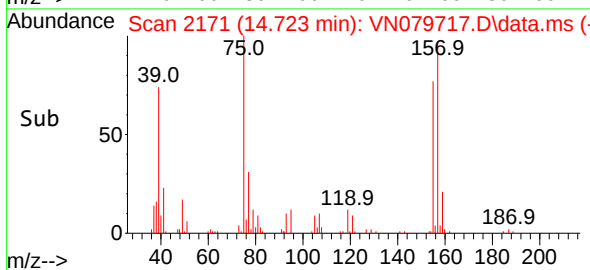
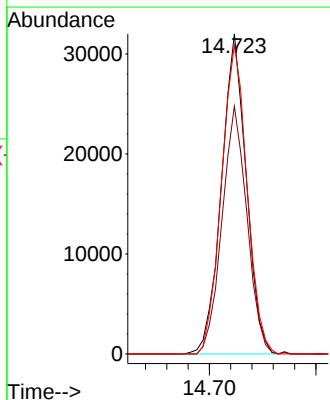
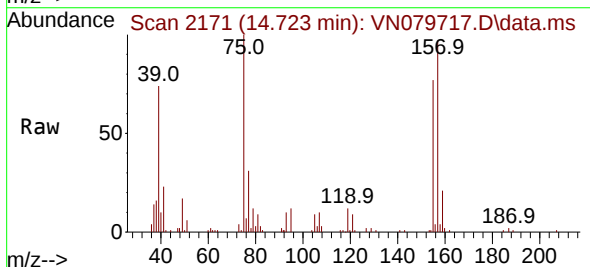
Manual Integrations
APPROVED

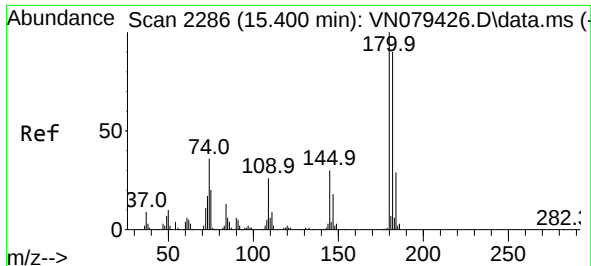
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.942 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

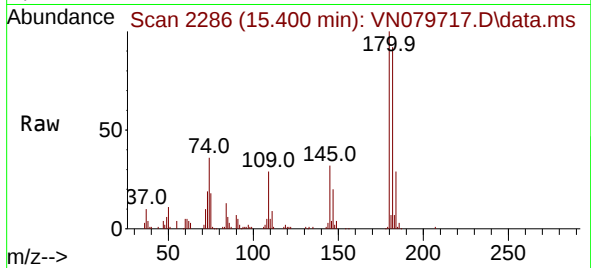
Tgt Ion: 75 Resp: 51571
Ion Ratio Lower Upper
75 100
155 78.0 39.1 117.2
157 99.8 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 61.003 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34

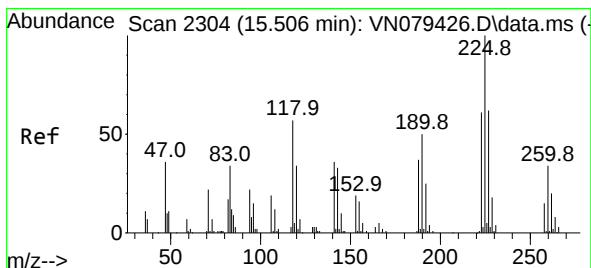
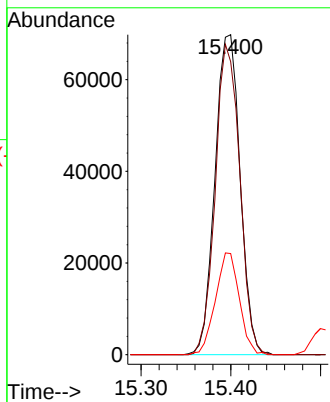
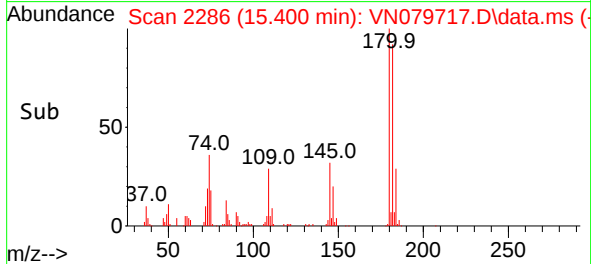
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



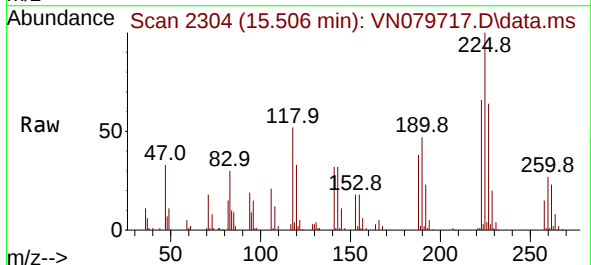
Tgt Ion:180 Resp: 135792
Ion Ratio Lower Upper
180 100
182 94.6 46.1 138.2
145 30.2 16.6 49.8

Manual Integrations
APPROVED

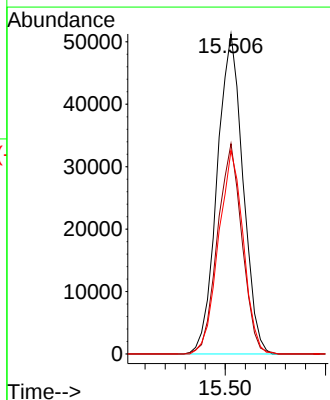
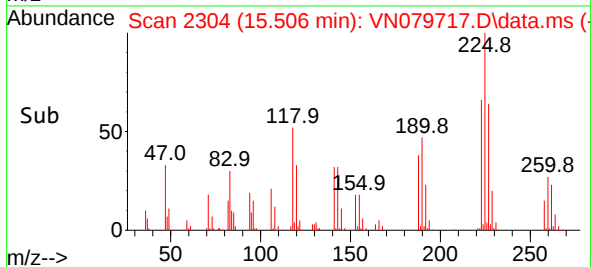
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

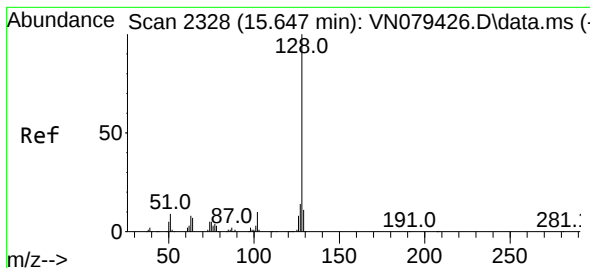


#94
Hexachlorobutadiene
Concen: 46.351 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079717.D
Acq: 30 Oct 2023 10:34



Tgt Ion:225 Resp: 91546
Ion Ratio Lower Upper
225 100
223 62.5 31.3 93.8
227 61.0 31.9 95.9





#95

Naphthalene

Concen: 59.038 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

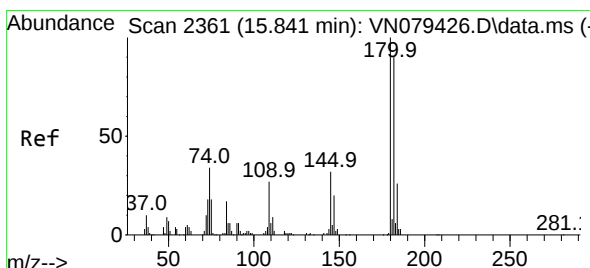
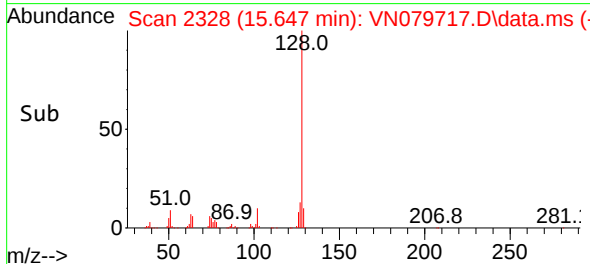
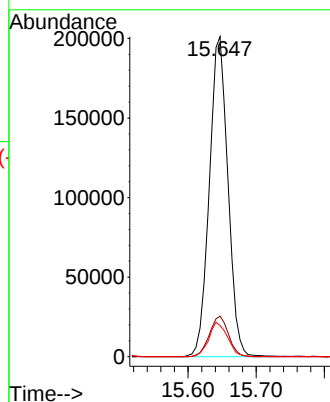
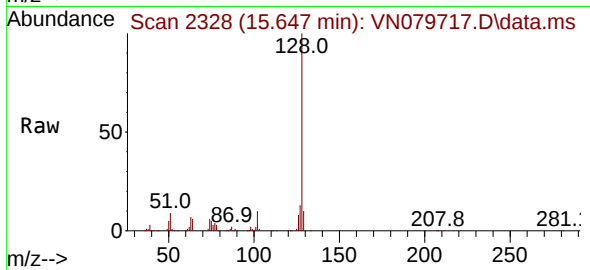
Tgt Ion:	128	Resp:	38152
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.0	15.0
129	10.8	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#96

1,2,3-Trichlorobenzene

Concen: 56.675 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079717.D

Acq: 30 Oct 2023 10:34

Tgt Ion:	180	Resp:	140877
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.2	138.6
145	33.6	17.5	52.6

